GIMA

NEWS 2016

NEW PRODUCTS PREVIEW
PROFESSIONAL MEDICAL PRODUCTS

Spirolab 7" touchscreen spirometer page 24

Next catalogue and pricelist: 1-9-2016

NEWS 2016
Ask for excel pricelist

Pricelist 2015 validity extended until 31-8-2016

Bluetooth monitor page 27

Stylish couch in 10 colours page 10

Body fat Bluetooth scale page 12

LED USB Otoscope page 19

LUX: PROFESSIONAL MONITORING OF LIPIDS, GLUCOSE AND HEMOGLOBIN

CE 0344

23983

| TOTAL CHOLESTEROL |
| HDL |
| LDL *calculated value |
| TRIGLYCERIDES |
| GLUCOSE |
| HEMOGLOBIN |

*CHOL/HDL & LDL/HDL ratio calculation

• 23983 LUX MONITOR for lipid, glucose and hemoglobin
The cardiovascular diseases are linked to the concentration of cholesterol in the blood. Many people don't know that their cholesterol is high or do not monitor it. Lux gives benefit to doctor to do a complete lipid screening plus glucose and hemoglobin in less than 3 minutes.
Easy
Only 45 µl for the complete lipid panel 7 µl for the hemoglobin, 0.5 µl for the glucose.
Effective
Doctor can test during consultation with patient.
Complete lipid panel in 3 minutes
Measurement of cholesterol, triglycerides, HDL, LDL at the same time in less than 3 minutes.
Additional hemoglobin and glucose test
Software for download PC (GB, IT)
Optional data reading software (CD + cable) for easy download. Lux monitor is supplied with carrying bag, pipette 15 µl, 3xAAA batteries 1.5 V and manual (GB, IT). Made in Italy.

23983

GIMA code	ACCESSORIES AND SPARES	Minimum order
23984	Lipid strips with tips and chip	box of 10
23985	Hemoglobin strips with chip - need 23998	box of 10
23986	Glucose strips	box of 50
23987	Lipid control solution with chip - 2 ml	3 bottles*
23988	Hemoglobin control solution - 2 ml	1 bottle
23989	Glucose control solution - 2 ml	1 bottle
23997	Pipette 15 µl for lipid	-
23998	Pipette 7 µl for hemoglobin	-
23999	Software (CD + cable)	-

*1 bottle for each parameter (total cholesterol, triglycerides, HDL)

23984   23985   23997   23998

TECHNICAL SPECIFICATIONS LUX MONITOR	
Number of measurements	More than 500 measurements (lipid) or more than 1`000 measurements (glucose or hemoglobine)
Method of measurements	Lipids and Hemoglobin: optical method, Glucose: electrochemical method
Display	LCD (LED Backlight)
Operation buttons	3 buttons (ON/OFF switch, up button and down button)
Memory	1`000 readings
Function	Average of glucose measurements (7, 15, 30 days)
Power source	3XAAA 1,5 V alkaline manganese batteries

TECHNICAL SPECIFICATIONS - STRIPS	
Measuring method	Photometric, amperometric only for glucose
Test range	Total Cholesterol: 100-400 mg/dL, Triglycerides: 50-600 mg/dL, HDL: 20-80 mg/dL, Hemoglobin: 5-25 g/dL, Glucose: 20-600 mg/dL
Measuring unit	mg/dL (standard), mmol/L (settable by user)
Measuring time	Lipids: within 3 min.; Hemoglobin: 5 sec.; Glucose: 5 sec.
Sample volume	15 µl Cholesterol, Tryglicerides, HDL each test: 7 µl Hemoglobin; 45 µl Lipid 3 tests; 0,5 µl glucose
Type of sample	Lipids and Hemoglobin: fresh capillary blood for self-monitoring and professionals (venous blood samples must be withdrawn by a healthcare professional); Glucose: fresh capillary blood

MISSION® CHOLESTEROL METER

• 23932 MISSION® CHOLESTEROL METER
Provides high quality and reliable results for complete Lipid Panel testing in 45 seconds.
3 in 1 complete Lipid Panel device tests for Total Cholesterol (CHOL), High Density Lipoprotein (HDL) and Triglycerides (TRIG)
Also includes calculated tests: Low Density Lipoprotein (LDL), CHOL/HDL ratio and Cardiac Risk Assessment
Reliable
- can test whole blood, serum or plasma
- wide hematocrit range of 0-50%
- small printer available for immediate printing of results
Easy to use
- large LCD display for easy reading
- colour coded test devices with engraved test name for easy identification
- battery operated
Supplied with 5 safety lancets, 2 control devices, 4 batteries, carrying case and manual (GB, IT)
Multilanguage box: GB, FR, IT, ES, DE, PT, PL, SE, FI, GR, CZ, RO, BG, RU, SA

CE 0123

23932

TECHNICAL SPECIFICATIONS	
Detection principle	Reflectance Photometry
Time to results	45 seconds-2 minutes
Memory with date/time	200 results
Type of test	Quantitative
Tests	CHOL, HDL, TRIG
Calculated tests	LDL, CHOL/HDL ratio, Cardiac Risk Assessment
Specimen volume	3-1 Lipid Panel Device: 35 µL CHOL Individual Test Device: 10 µL
Measurement units	mg/dL or mmol/L
Measurement range	CHOL: 100-500 mg/dL (2.59-12.93 mmol/L) HDL: 15-100 mg/dL (0.39-2.59 mmol/L) TRIG: 45-650 mg/dL (0.51-7.34 mmol/L)
Pc interface for data transfer	Mini USB Port
Calibration	Code Chip
Languages on the screen	English abbreviations
Power source	4 AAA or AC Adaptor (Mini USB, 5V dc, 50 mA)
Battery life	≥ 1,000 tests
Automatic shut off	5 minutes
Meter dimensions	137×79×26 mm (5.4" x 3.1" x 1.0")
Display dimensions	50×50 mm (2.0" x 2.0")
Weight excluding batteries	145 g (5.11 oz)

GIMA code	ACCESSORIES AND SPARES	Minimum order
23933	3 in 1 Lipid panel tests + capillary tubes	box of 25
23934	CHOL Cholesterol tests + capillary tubes	box of 25
23917	Gima lancets 28G	box of 25
23916	Gima lancets 28G	box of 100
23919	Auto lancet device - AST method	-
23929	Mission printer*	-

*Includes 1 paper roll, cable, adaptor

GIMA URINE ANALYZER AND URINE STRIPS

Test paper tray to place the strip to be tested

• 24046 GIMA URINE ANALYZER
Gima urine analyzer is a high-precision instrument with advanced technologies for clinical inspection of urine. It offers easy and quick operation, exact results and good repeatability.
Features:
- high-luminance and white LED, features long life and good stability
- large LCD display
- user-friendly interface
- monitoring the whole testing process, auto-character and audible-control prompt
- data transmission function.
Application:
- health examination
- chronic diseases, especially long-term monitoring for nephrotic patients

- point of care testing, convenient for doctor to use
- portable device, it is a good helper for travelling doctors
- use as telemedicine terminal.
Tested parameters
Glucose (GLU), Bilirubin (BIL), Specific gravity (SG), PH, Ketone body (KET), Occult blood (BLD), Protein (PRO), Urobilinogen (URO), Nitrite (NIT), Leukocytes (LEU), Ascorbic acid (VC).
• 24071 11 PARAMETER STRIP - box with 5 pouches of 3 strips
• 24072 11 PARAMETER STRIP - tube of 50 strips

5-key touch control keyboard
USB socket
24046

TECHNICAL SPECIFICATIONS

Working mode:	One-step	Stability	CV ≤1%
Internal language:	Italian and English	Record mode:	LCD display, flash ROM data storage
Display:	2.4" LCD, resolution: 320x240	Power supply:	Built-in rechargeable lithium battery 3.7 V, 1900 mAh
Data storage:	500 sample data		Host computer: DC 5 V, 1 A
Principle:	RGB tricolor test theory		Adapter: AC 100-240 V, 50/60 Hz
Communication interface:	Micro USB interface, Bluetooth wireless communication	Test range:	Refer to grads table on www.gimaitaly.com
Repeatability:	CV ≤1%	Dimension - Weight:	126x73.5xh 30 mm - 0.18 kg

MISSION Hb HEMOGLOBIN TESTING SYSTEM

• 24022 MISSION Hb HEMOGLOBIN TESTING SYSTEM
Accurately detects Hb and Hct levels
Quick
- Hemoglobin (Hb) and Hematocrit (Hct) **results in < 15 seconds**
- simply insert strip, apply specimen and read results
- features auto-calibration
- no specimen preparation required
Accurate
- **only 10 µL** capillary or venous blood required
- precise results equivalent to automatic hematology analyzers
- wide Hb measurement range of 4.5-25.6 g/dL with Hct range of 13-75%
- stores up to 1.000 results
Portable
- operated by battery
- handheld for immediate diagnosis
- dry strips eliminate inconvenience in shipping and storage of liquid reagents
Convenient
- can test capillary and venous whole blood
- minimal training required
Multilanguage box:
GB, FR,IT, ES, PT, DE, PL, RO, SE, FI, GR, TR, Arabic

Large LCD 39x37 mm

24022

• 24023 TEST STRIPS - box of 50 + 1 code chip
• 24024 CAPILLARY TRANSFER TUBES 10 ml - plastic - box of 50
• 23916 GIMA LANCETS 28G - sterile - box of 100
• 23919 AUTO LANCETS DEVICE - AST method
• 24513 SURGILANCE SAFETY LANCETS 26G - sterile - box of 100

TECHNICAL SPECIFICATIONS

Methodology	reflectance Photometry
Detection	principle Methemoglobin
Time to results	< 15 seconds
Memory	1.000 tests with date/time and ID number
Specimen volume / type	10 µL / capillary and venous whole blood
Hb measurement range	4.5 - 25.6 g/dL
Hct range	13 - 75%
Wavelengths	525 nm
Calibration	automatic
Hb within run precision CV	≤ 3%
Hb Total precision CV	≤ 3%
Accuracy	Hb 4.5 - 10 g/dL, ±0.4 g/dL; Hb 10 - 25.6 g/dL ± 4%
Power source	3 AAA Batteries or AC Adaptor on request
Battery life	2.700 tests or 360 hours
Automatic shut off	8 minutes
Size (LxWxH)	127x58x25 mm (5.0"x2.28"x0.09")

STANDARD ACCESSORIES

10 test strip	1 code chip	3 AAA batteries
10 lancets (26 G)	2 control strips	1 carrying case
1 lancing device	10 capillary transfer tubes - plastic	user manual GB, IT

MISSION® PT/INR COAGULATION MONITORING SYSTEM

• 23926 PT/INR COAGULATION MONITORING SYSTEM
Reliable
- quick results for Prothrombin Time (PT) in seconds and International Normalized Ratio (INR)
- large INR range of 0.7-7.0
- individually packaged strips with to 2 years shelf life
- external optional printer available for quick printing of results
Simple operation
- results in about 2 minutes
- requires only a single drop of capillary blood or 15 µL of venous whole blood
- insert strip, apply specimen and read results
User friendly
- handheld portable meter easy to use and ideal for physician offices and home testing
- includes lockout functions and the capability to store patients ID's
- operates with battery or standard AC adaptor

23926

GIMA code	ACCESSORIES AND SPARES	Minimum order
23927	PT test strips with chip	box of 12
23928	PT test strips with chip	box of 48
24515	Surgilance safety lancets 22G	box of 100
23929	Mission printer*	
	Thermal paper roll 5.6 cm x 20 m	

Supplied with 1 paper roll, cable, adapter, package insert **23929**

STANDARD ACCESSORIES

1 quick reference guide	5 PT test strips	4 AA batteries
1 carrying case	1 user's manual (GB, IT, ES)	5 safety lancets (21G/2.8 mm)
1 plug	1 AC adaptor	1 code chip

TECHNICAL SPECIFICATIONS

Methodology	Optical fluorescence
Time to results	About 2 minutes
Memory	200 results with date/time
Specimen volume	15 µL
Specimen type	Capillary or fresh whole blood without anticoagulants
INR mesurement range	0.7-7.0
HCT range	25-60 %
Precision	Repeatability and total precision <10%
Accuracy	Y=1.076X-0.078, R=0.924
PC interface	Mini USB
Power source	4 AA batteries or AC adaptor
Battery life	>100 tests
Meter dimension (LxWxH)	152x72x37 mm (6.0"x2.8"x1.5")
Display dimension (LxW)	46x23 mm (1.8"x0.9")
Weight excluding batteries	170 g (6.0 oz)

CE 0123

MARGHERITA FINGERGUARD FOR HYPODERMIC NEEDLES

NO MORE ACCIDENTAL SYRINGE INJURIES

23798

• **23798 MARGHERITA FINGERGUARD**
Margherita FingerGuard is a Class I Medical Device that allows the operator to recap and remove the syringe needle in complete safety, eliminating the risk of accidental needle sticks to both healthcare workers and those responsible for the disposal of sharps.
Unique
Internationally patented
Sterilizable
Autoclavable (121°C for 15 minutes or 135°C for 5 minutes)
Ecological
Promotes waste sorting as it enables just the needle to be disposed of in the sharps bin. Raw materials are biocompatible.
Safe
Complete protection against accidental syringe needle sticks.
Economical
Last 4 years, reducing costs by at least 50,000 € per year for a small hospital and over 200,000 € per year for a medium/large hospital.

THE PROBLEM
There are 960,000 accidental syringe stick injuries every year in Europe. The total cost estimate resulting from syringe needle stick injuries exceeds 1 billion Euros
LEGISLATION
European Directive 2010/32/EU requires Member States to adopt more effective provisions to protect workers from accidental needle stick injuries from syringes.
THE SOLUTION
Margherita allows total safety to operator and to healthcare workers responsible for the disposable of sharps.

HOW DOES IT WORK?

START	UNCAP	RECAP	NEEDLE REMOVAL	NEEDLE DISPOSAL
		(two hands) (one hand)		

KIT FOR PROTECTION AGAINST BIOLOGICAL AND CHEMICAL AGENTS

• **26008 KIT FOR BIOLOGICAL AND CHEMICAL PROTECTION - M**
• **26009 KIT FOR BIOLOGICAL AND CHEMICAL PROTECTION - XL**
These kits offer biological and chemical protection.
The kit is a set of PPE in III category (comforms to 89/686/CE chemiotherapic) certified for protection against virus, dust and liquids.
Ready for use in a sealed polyethylene pack, it includes:
- white gown
- goggle for protection against liquid droplets and sprays
- SF Biodust filtering face mask with valve for the protection against biological agents
- FFP3 filtering face mask with valve for protection against chemical agents
- coverboots
- nitrile powder free gloves 30 cm long

Suitable in emergency for operators potentially exposed to biological and chemical (including chemioterapic) agents.

ULTRA LIGHT CLOGS WITH STRAP

200 g ONLY

GIMA ULTRA LIGHT CLOGS
Protective clogs meeting requirements of working shoes norms EN 20347: 2008 A and SRC
- **extremely light:** only 200 g per pair
- **aerated:** lateral holes provide aeration but avoid liquid dropping in
- **anatomic:** respect natural foot anatomy
- **antishock:** maximum energy absorption in the heel zone
- **antislip:** the unique design of the sole's tread meet the SRC requirements regarding the slipping resistance
- **antistatic:** antistatic non marking element in the heel zone working even after many washing
- **washable up to 50°C:** with normal detergents or bleach, resistant to chemicals or UV sterilizations - **antibacterial, antimould, antifungus**
• **26206 ULTRA LIGHT CLOGS - other colour - minimum 50 pair (available in light blue, orange, black, fuchsia)**

	ULTRA LIGHT CLOGS		
Size	White	Blue	Green
34	26190	26210	26175
35	26191	26211	26176
36	26192	26212	26177
37	26193	26213	26178
38	26194	26214	26179
39	26195	26215	26180
40	26196	26216	26181
41	26197	26217	26182
42	26198	26218	26183
43	26199	26219	26184
44	26200	26220	26185
45	26201	26221	26186
46	26202	26222	26187
47	26203	26223	26188

GIMA

■ URINE CONTAINERS

25962-3

25960-1

25958, 25962-3   **25960-1**

Graduated urine containers made in polypropylene with red screw cap and frosted label.
One multilanguage instruction in each carton: GB, FR, IT, ES, PT.

GIMA code	URINE CONTAINERS - BULK	Minimum order
25958	Urine containers 120 ml	box of 300
	URINE CONTAINERS - individually wrapped	
25960	Urine containers 60 ml - cleanroom ISO8	box of 500
25961	Urine containers 60 ml - sterile	box of 500
25962	Urine containers 120 ml - cleanroom ISO8	box of 250
25963	Urine containers 120 ml - sterile	box of 250

■ BIOLOGICAL COLLECTORS

25967-8   **25965-6**

25967-8   **25965-6**

Coprotainer® graduated faeces containers made in polypropylene with red screw cap and frosted label, individually wrapped.
One multilanguage instruction in each carton: GB, FR, IT, ES, PT.

GIMA code	BIOLOGICAL CONTAINERS	Minimum order
25965	Faeces container 30 ml - cleanroom ISO8	box of 500
25966	Faeces container 30 ml - sterile	box of 500
25967	Faeces container 60 ml - cleanroom ISO8	box of 500
25968	Faeces container 60 ml - sterile	box of 500

■ 24 HOURS URINE CONTAINERS

25981   **25982**   **25980**

24 h graduated urine containers made in polyethylene.
One multilanguage instruction in each carton: GB, FR, IT, ES, PT.

GIMA code	24 h URINE CONTAINERS	Minimum order
25980	Bottle 2500 ml	box of 30
25981	Container 2000 ml with ergonomic handle	box of 54
25982	Tank 2500 ml	box of 30

■ HIGH PROTECTION MASK 6x1

Instructions in: GB, FR, IT, DE, ES, PT, NL, DK, NO, SE, FI, GR, PL, CZ, SI, HR, HU, RO, BG, RU, TR, SA, JP.

CE EN 166 3 4 FT

Only 57 g

25265

Thickness 1.9 mm

• **25265 HIGH PROTECTION MASK 6x1 - for resistant, anti-scratch**
- wide lens for a field of view without distortion
- temples adjustable in length and inclination with SoftPad technology
- sophisticated indirect ventilation system
- soft internal rubber for comfort without local pressure
- certified according to EN166 point 3 (droplets and splashes) and point 4 (large dust particles)
- supplied with neck cord

■ PROTECTIVE GOGGLES - FOG RESISTANT, ANTI-SCRATCH

Instructions in: GB, FR, IT, DE, ES, PT, NL, DK, NO, SE, FI, GR, PL, CZ, SI, HR, HU, RO, BG, RU, TR, SA, JP.

New temple for a better ergonomy

25262

CE EN 166 FT

25261

CE EN 166 FT

25260

Weight 25 g

• **25260 505 UP GOGGLES - fog resistant, anti-scratch**
Protection against high speed particles - low energy and lateral protection. Protection against optical radiation to standard EN 170.
- extremely light 23 g only and encircling
- elastic structure, extremely flexible and resistant
- optimal comfort and fit thanks to the soft adjustable nosepad
- neck cord included in the packaging

• **25261 506 UP GOGGLES - green - fog resistant, anti-scratch**
• **25262 506 UP GOGGLES - pink - fog resistant, anti-scratch**
Same as 25260 with below additional features.
- panoramic wrapping lens
- temples regulation in lenght and inclination
- soft terminal tips to eliminate local pressure

POLYESTER OR MICROFIBRE SURGERY DRAPES

100% TEXTURIZED POLYESTER DRAPES
Studied for replacing the classic cotton drape in operating rooms.
Advantages:
- it does not have particles release of dust
or cotton fibers that could cause infections
during surgery
- various usability on the field:
    - as a sheet under the patient
    - as a towel
    - to tamponage, considering its high
    absorbency
    - as a pre or post surgery cover,
    thanks to the capability of keeping a
    good body temperature

Polyester texturized fabric

• **41000 POLYESTER DRAPE 90x150 cm - light blue**
• **41001 POLYESTER DRAPE 150x150 cm - light blue**
• **41002 POLYESTER DRAPE 250x150 cm - light blue**
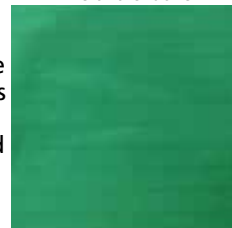
**MICROFIBRE DRAPES
(99% polyester+ 1% carbon fibre)**
The microfibre line is conceived for operating room.
The characteristics and abilities are various:
- the fabric does not absorb liquids,
maintaining the operating field dry;
- the fabric does not have particles release
of dust or fibre that could cause infections
on the patient.
GIMA fabric is composed of polyester and
carbon fibres. The addition of carbon
fibres serves as protection from potential
electric discharges.

Microfibre fabric

• **41009 MICROFIBRE DRAPE 90x150 cm - green**
• **41010 MICROFIBRE DRAPE 150x150 cm - green**
• **41011 MICROFIBRE DRAPE 250x150 cm - green**

URINE BAGS - MADE IN SPAIN

Standard urine bag (tube 90 or 130 cm)

28690 - 28688

28692 - 28689

28708

Urine bag with non return valve (tube 90 or 130 cm)

28691 - 28694

28693 - 28695

28710

28715

GIMA code	URINE BAGS	Minimum order
STANDARD URINE BAGS		
28690	Urine bag 2000 cc - tube 90 cm - polybag	box of 30*
28688	Urine bag 2000 cc - tube 90 cm - bulk	box of 250
28692	Urine bag 2000 cc - tube 130 cm - polybag	box of 30*
28689	Urine bag 2000 cc - tube 130 cm - bulk	box of 200
	Polybag of 30 bags with tipps (Italian reimbursment label) and 1 hanger	
URINE BAGS WITH NON RETURN/EXHAUST VALVE		
28691	Urine bag 2000 cc - tube 90 cm - polybag	box of 30*
28694	Urine bag 2000 cc - tube 90 cm - bulk	box of 250
28693	Urine bag 2000 cc - tube 130 cm - polybag	box of 30*
28695	Urine bag 2000 cc - tube 130 cm - bulk	box of 200
	Polybag of 30 bags with tipps (Italian reimbursment label) and 1 hanger	
URINE LEG BAGS WITH NON RETURN VALVE		
28707	Urine leg bag 750 cc - tube 10 cm - polybag complete with push pull outlet	box of 30**
28708	Urine leg bag 750 cc - tube 35 cm - polybag complete with push pull outlet	box of 30**
	**Polybag of 30 bags with 1 set of button straps	

Instructions in GB, FR, IT, ES, DE, PT, GR, PL. Non sterile.
Tube Ø: internal 5.05 mm, external 6.35 mm. Latex and phthalate free.

Tipps available for 28690/1/2/3 and 28707/8

28699
+
28693

28699

	HANGER HOLDER FOR URINE BAGS	
28699	Hanger holder for urine bag - blue - bulk	box of 200
	EXTERNAL LATEX CATHETERS	
28710	Men external catheter Ø 30 mm - latex	box of 30
28711	Men external catheter Ø 35 mm - latex	box of 30
28715	Biadhesive tape 2x15x0.5 cm	box of 30

External catheters with knurled cap to avoid drainage system
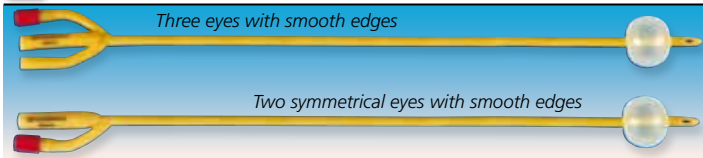to twist on itself

STERILE PAEDIATRIC URINE BAG FOR BOY AND GIRL

28685

CE 0123

• **28685 PAEDIATRIC URINE BAG 100 ml
- sterile - box of 100**
Paediatric urine bag, individually
wrapped in polybag.
They can be used for boy and girl.
Graduated 10 to 100 ml, sterile.

GIMA

FOLEY CATHETERS - LATEX

Three eyes with smooth edges

Two symmetrical eyes with smooth edges

| GIMA code	LATEX* STERILE 100% SILICONE COATED FOLEY CATHETERS - SINGLE USE Two-way catheters - balloon 5-10 ml - soft valve	Minimum order
22053	2-way Foley catheter ch/fr 10 - balloon 5-10 ml	box of 10
22054	2-way Foley catheter ch/fr 12 - balloon 5-10 ml	box of 10
22055	2-way Foley catheter ch/fr 14 - balloon 5-10 ml	box of 10
22056	2-way Foley catheter ch/fr 16 - balloon 5-10 ml	box of 10
22057	2-way Foley catheter ch/fr 18 - balloon 5-10 ml	box of 10
22058	2-way Foley catheter ch/fr 20 - balloon 5-10 ml	box of 10
22059	2-way Foley catheter ch/fr 22 - balloon 5-10 ml	box of 10

Ball 5-10 ml means the ball could be from 5 ml to 10 ml

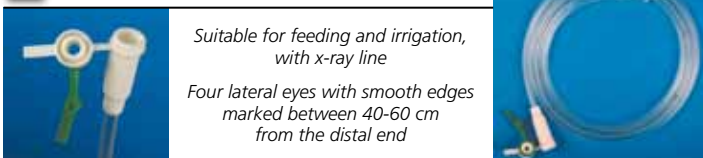|	Two-ways catheters - balloon 30 ml - soft valve	
22064	2-way Foley catheter ch/fr 12 - balloon 30 ml	box of 50
22065	2-way Foley catheter ch/fr 14 - balloon 30 ml	box of 50
22066	2-way Foley catheter ch/fr 16 - balloon 30 ml	box of 50
22067	2-way Foley catheter ch/fr 18 - balloon 30 ml	box of 50
22068	2-way Foley catheter ch/fr 20 - balloon 30 ml	box of 50
22069	2-way Foley catheter ch/fr 22 - balloon 30 ml	box of 50
22070	2-way Foley catheter ch/fr 24 - balloon 30 ml	box of 50
	Three-way catheters - balloon 30 ml - soft valve	
22077	3-way Foley catheter ch/fr 18 - balloon 30 ml	box of 50
22078	3-way Foley catheter ch/fr 20 - balloon 30 ml	box of 50
22079	3-way Foley catheter ch/fr 22 - balloon 30 ml	box of 50
22080	3-way Foley catheter ch/fr 24 - balloon 30 ml	box of 50

RECTAL CATHETERS
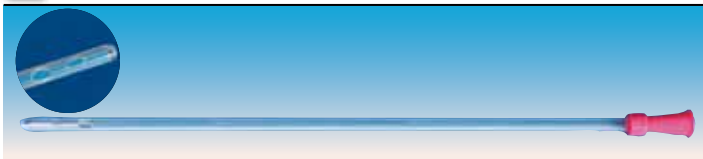
GIMA code	PVC STERILE RECTAL CATHETERS length: 38 cm - with conical adapter	Minimum order
22169	Rectal catheters ch/fr 22 - purple	box of 100
22170	Rectal catheters ch/fr 24 - dark blue	box of 100
22171	Rectal catheters ch/fr 26 - white	box of 100
22172	Rectal catheters ch/fr 28 - green	box of 100
22173	Rectal catheters ch/fr 30 - grey	box of 100

FEEDING TUBES

Marked between 5-40 cm from the distal end

Fending tube with x-ray line
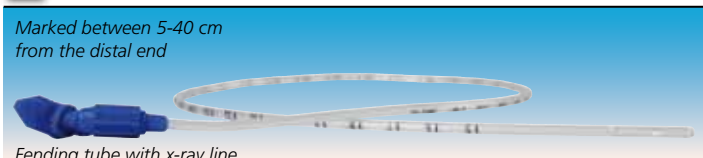
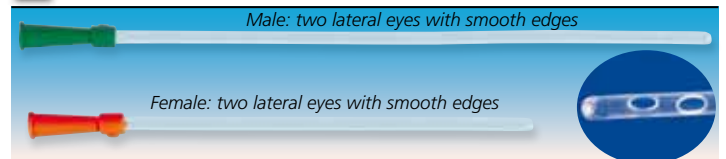| GIMA code	PVC DEHP FREE* STERILE FEEDING TUBES length: 50 cm - with luer fitting and sealing plug adapter	Minimum order
22150	Feeding tube ch/fr 5 - grey	box of 100
22151	Feeding tube ch/fr 6 - light green	box of 100
22152	Feeding tube ch/fr 8 - light blue	box of 100
22153	Feeding tube ch/fr 10 - black	box of 100

STOMACH TUBES

Suitable for feeding and irrigation, with x-ray line

Four lateral eyes with smooth edges marked between 40-60 cm from the distal end

GIMA code	PVC DEHP FREE* STERILE STOMACH TUBES length: 110 cm - with multi functional adapter	Minimum order
22156	Stomach tube ch/fr 12	box of 100
22157	Stomach tube ch/fr 14	box of 100
22158	Stomach tube ch/fr 16	box of 100

FOLEY CATHETERS - SILICONE

GIMA code	SILICONE STERILE FOLEY CATHETERS - SINGLE USE Two-way catheters - balloon 30 ml	Minimum order
22094	2-way Foley catheter ch/fr 12 - balloon 30 ml	box of 10
22095	2-way Foley catheter ch/fr 14 - balloon 30 ml	box of 10
22096	2-way Foley catheter ch/fr 16 - balloon 30 ml	box of 10
22097	2-way Foley catheter ch/fr 18 - balloon 30 ml	box of 10
22098	2-way Foley catheter ch/fr 20 - balloon 30 ml	box of 10
22099	2-way Foley catheter ch/fr 22 - balloon 30 ml	box of 10
22100	2-way Foley catheter ch/fr 24 - balloon 30 ml	box of 10

NELATON CATHETERS

Male: two lateral eyes with smooth edges

Female: two lateral eyes with smooth edges

GIMA code	PVC DEHP FREE* STERILE NELATON CATHETERS two lateral eyes with smooth edges Single use MALE - length 38 cm	Minimum order
22003	Male Nelaton catheter ch/fr 10 - black	box of 100
22004	Male Nelaton catheter ch/fr 12 - white	box of 100
22005	Male Nelaton catheter ch/fr 14 - dark green	box of 100
22006	Male Nelaton catheter ch/fr 16 - orange	box of 100
22007	Male Nelaton catheter ch/fr 18 - red	box of 100
	FEMALE - length 18 cm	
22022	Female Nelaton catheter ch/fr 8 - light blue	box of 100
22023	Female Nelaton catheter ch/fr 10 - black	box of 100
22024	Female Nelaton catheter ch/fr 12 - white	box of 100
22025	Female Nelaton catheter ch/fr 14 - dark green	box of 100
22026	Female Nelaton catheter ch/fr 16 - orange	box of 100

SUCTION CATHETERS

Special technology: inner Ø does not shrink at edge

Length 50 cm	Length 90 cm	PVC DEHP FREE* STERILE SUCTION CATHETERS with conical adapter	Minimum order
22110	22120	Suction catheter ch/fr 6 - light green	box of 100
22112	22122	Suction catheter ch/fr 8 - light blue	box of 100
22113	22123	Suction catheter ch/fr 10 - black	box of 100
22114	22124	Suction catheter ch/fr 12 - white	box of 100
22115	22125	Suction catheter ch/fr 14 - dark green	box of 100
22116	-	Suction catheter ch/fr 16 - orange	box of 100
22117	-	Suction catheter ch/fr 18 - red	box of 100
22118	-	Suction catheter ch/fr 20 - yellow	box of 100

CATHETER LUBRICANT GEL - STERILE

• **22104 CATHETER LUBRICANT GEL 12 ml - sterile - box of 25**
Sterile, clear, water soluble gel, containing Lidocaine, used before applying catheter, cystoscope or other medical instrument to urethra.
It covers urethra generating a slick layer between urethral mucosa and catheter or medical instrument.
It is used to alleviate pain during urethral manipulation with anaesthetic effect. It also has antiseptic effect protecting patient from potential infection risk.
It contains Lidocaine 2%, Chlorhexidine 0,05%.

22104

DEHP is an additive used in the plastic industry for PVC which could be harmful to human reproductive system. Latex is totally DEHP free

AIR CUSHIONS

- **28544 GIMA AIR CUSHION - 40x40x6 cm**
- **28546 GIMA AIR CUSHION - 45x45x6 cm**
with polyester cover, pump and repair kit
- single compartment
- air cells, 64 or 81, prevent pressure sores
- maximizes pressure distribution and blood flow
- conforms to the body's shape
- adjust to body changes over time.
Max load: 150 kg
Multilanguage manual: GB, FR, IT, ES, PT, GR, PL, DE

Black rope

Adjustable valve

PREVENTION FOR HIGH TO VERY HIGH DECUBITUS RISK

HEEL PROTECTOR

- **28548 HEEL PROTECTOR - 50x22x16 cm**
It relieves the heel pressure and prevents decubitus ulcer by increasing the contact surface. The visco elastic foam has an anatomical shape including a bactericide and fungicide agent to provide better hygiene and disinfection.

Made in France

Density: 90 kg/m³

ANTI-DECUBITUS CUSHIONS AND NECK PILLOWS - MADE IN ITALY

Products to prevent low decubitus risk, made of silicone fibre, coated with 100% preshrunk cotton cover. Main property of silicone fibre is to maintain original shape also after strong pressure. This allows to maintain comfort and proper weight distribution in the time. Breathable cotton cover provides maximum cool comfort. Washable at 30-40°C.
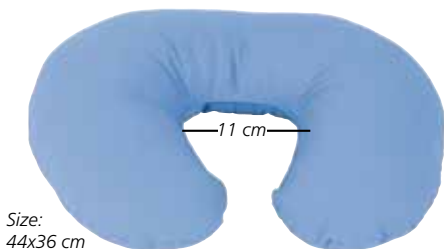
Size: 45x45 cm

• **28550 SHAPED CUSHION WITH HOLE**

Size: 45x45 cm

• **28551 3-SECTION CUSHION**

Size: 45x45 cm

• **28552 CUSHION WITH CONCAVE CENTRE**

All cushions and pillow are supplied with multilanguage instructions: GB, FR, IT, ES

—11 cm—

Size: 44x36 cm

• **28555 TRAVEL NECK PILLOW**

Size: 32x12 cm

• **28556 HEEL CUSHION**

Size: 32x15 cm

• **28557 HEEL CUSHION PLUS**

RUBBER AND SILICONE PESSARY FOR UTERINE PROLAPSE - LATEX FREE

CE 0476

RUBBER PESSARY

SILICONE PESSARY

BLUE SILICONE PESSARY

Individually packed in cardboard box with English user manual

29965   29895   29905

GIMA code	RUBBER PESSARY - autoclavable
29882	Rubber Pessary Ø 55 mm
29963	Rubber Pessary Ø 60 mm
29964	Rubber Pessary Ø 65 mm
29965	Rubber Pessary Ø 70 mm
29966	Rubber Pessary Ø 75 mm
29967	Rubber Pessary Ø 80 mm
29968	Rubber Pessary Ø 85 mm
29969	Rubber Pessary Ø 90 mm
29884	Rubber Pessary Ø 95 mm
SILICONE PESSARY - autoclavable	
29893	Silicone Pessary Ø 60 mm
29894	Silicone Pessary Ø 65 mm
29895	Silicone Pessary Ø 70 mm
29896	Silicone Pessary Ø 75 mm
29897	Silicone Pessary Ø 80 mm
29898	Silicone Pessary Ø 85 mm
29899	Silicone Pessary Ø 90 mm
BLUE SILICONE PESSARY - autoclavable	
29905	Blue silicone Pessary Ø 70 mm
29906	Blue silicone Pessary Ø 75 mm
29907	Blue silicone Pessary Ø 80 mm

◼ BAG HOLDER TROLLEYS

510
910
735

45905+45910

510
910
1110

45906+45910

◼ SHUT BAG HOLDER

45900

• **45905 BAG HOLDER TROLLEY - 2 bags**
• **45906 BAG HOLDER TROLLEY - 3 bags**
Bag holder trolleys with pedal operated opening. Rigid, sturdy, self-supporting ABS plastic base with edges. The bag holding ring (350x255 mm) is made of glass reinforced nylon with a rubber gasket to hold the bag in place.Two vertical tubes made of AISI 304 stainless steel are

45905+27462+27466+45910

welded to the base and carry the bag holding ring. Non marking grey rubber swivelling wheels Ø 80 mm (two with pedal operated brake).
Made in Italy.
• **45910 PUSH HANDLE**
• **27466 WRAPPING BAG - yellow strip**
• **27462 WRAPPING BAG - blue strip**
• **45908 WRAPPING BAG - green strip**
White synthetic bagwith strip, washable up to 200 times.
Size 57xh 103 cm.
Made in Italy.

• **45900 SHUT BAG HOLDER - 70 l**
Trolley suitable for carrying one 70 l bag (not included).
Stainless steel AISI 304 structure. Equipped with swivelling castors with brake and bumpers.
For use with standard 70 l plastic bag. Can use also wrapping bag (27462, 27466, 45908)
Made in Italy.

500
990
600

◼ LAUNDRY TROLLEYS

1100
1320
660
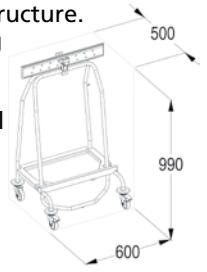
45915

• **45915 LAUNDRY TROLLEY - laminated**
Closed trolley with doors, 3 shelves plus top and 2 bag holders. Laminated particle board body and stainless steel AISI 304 structure. Equipped with swivelling castors, 2 with brake and bumpers. Size: 1100x660x1320 mm. Made in Italy.
• **27462 WRAPPING BAG - blue strip**
• **27466 WRAPPING BAG - yellow strip**
White washable laundry synthetic bag with yellow, blue or green strip. Size: 57xh 103 cm. Made in Italy.

◼ CLIPPER TOILET SEAT

• **27756 CLIPPER RAISED TOILET SEAT - height 11 cm**
Easily adapt to any toilet bowl. Totally made of injected plastic. 4 Fixation clips to secure strongly and easily the seat on the toilet bowl.

27756

◼ STICKS WITH LIGHT AND ALARM

Red LED warning flash

43050

Red LED warning flash

43055

• **43050 SAFETY LIGHT STICK - man - black**
• **43055 SAFETY LIGHT STICK - lady - blue**
Innovative sticks with safety light and alarm.
- front ultra-bright white LED light (4 LED for 43050, 3 LED for 43055) up to 15 lumen, with adjustable positions
- ultra-bright red LED warning flash with 2 LED, up to 5 lumen
- comfortable ABS hand grip and aluminium frame
- 100 dB warning siren
- adjustable heigh:
  8 positions from 738 to 973 cm (43050)
  10 positions from 660 to 860 cm (43055)
Works with 2 AAA batteries, not included.
Supplied with carrying hand strap.

43050   **43055**

ELITE EXAMINATION COUCH

• **44500 ELITE EXAMINATION COUCH - blue**
• **44503 ELITE EXAMINATION COUCH - any colour***
available in 20 days, see below available colours

Stylish, comfortable and innovative examination couch available in 10 colours with lateral white band.
Realized with high quality furniture tubing that guarantees stability and robustness.
The couch is made with rectangular and rounded tubing, Uni 7947/81 and 8913, DIN 2394.
Fireproof rubber padding covered with class 1 IM fireproof woven imitation leather.
Adjustable head section through 2 cogwheels.
The roll holder, included, can be placed in the feet or in the head side. 4 adjustable feet.
Size 193x68xh 78 cm.
Padding Size 190x68xh 7 cm.
Max. load 200 kg.
Weight 70 kg.
Disassembled, very simple to assemble.
Made in Italy.

LOAD 200 KG

44503

DONOR WHEELCHAIR

• **27561 DONOR WHEELCHAIR**
Donor wheelchair with structure made of epoxy painted oval and round steel tube.
Backrest adjustable by gas pump.
Padded leg rest manually extractable.
Metal footrest extractable. Armrest with articulations, manually adjustable in height and revolving 180°.
Padding made of high-density polyurethane foam, fireproof Class 1 IM.
Covering made of washable, plastic material (leatherette), fireproof Class 1 IM.
Back push handle.
Mattress overall size: 166x55 cm.
Carton size: 185x67xh 58 cm
Four wheels Ø 100 mm, 2 directional and 2 with brake.
Net weight: 53 kg. Gross weight: 55 kg.
Maximum load: 150 kg.
Supplied with blanket tray with belts to fix oxygen bottle, IV stand and chart holder support.
Made in Italy.

Chart holder support

27561

Blanket tray with belts to fix oxygen bottle (bottle not included)

3-SECTION DELIVERY BED WITH TRENDELENBURG

• **27538 3-SECTION DELIVERY BED - with Trendelenburg**
- structure made of epoxy painted oval steel tube
- three sections with independent control and Trendelenburg position
- padding made of high density polyurethane foam, fireproof Class 1 IM
- covering made of washable, plastic material (leatherette) fireproof Class 1 IM
- adjustable rubber feet
Size: 181x60xh 80 cm
Carton size: 75x20xh 196 cm.
Maximum load: 150 kg.
Net weight: 43 kg.
Supplied with a pair of height-adjustable, padded, anatomic leg-holders, a couple of shoulder rests, handgrips, a paper roll holder and a stainless steel basin Ø 32 cm.
Delivered in kit form.
Made in Italy.

27538

CABINETS FOR MEDICINES AND INSTRUMENTS - MADE IN ITALY

CABINETS ARE SUPPLIED DISASSEMBLED

27898	27899	27900	27902
Size: 52x35x138 cm Pack size: 65x26x134 cm Weight: 31 kg	Size: 75x37x164 cm Pack size: 72x24x156 cm Weight: 45 kg	Size: 75x37x164 cm Pack size: 72x24x156 cm Weight: 50 kg	Size: 79x36x186 cm Pack size: 88x36x96 cm Weight: 56 kg

- **27898 VALUE CABINET - 1 door**
- **27899 VALUE CABINET - 2 doors**
Cabinets made of enamelled steel sheet with tempered glass doors. Hinged glass door with lock and key.
Three stainless steel shelves adjustable in height.
Delivered in kit form.

- **27900 VALUE CABINET - 4 doors (hinged)**
- **27902 VALUE CABINET - 4 doors (2 hinged, 2 sliding)**
Cabinets made of enamelled steel sheet with 2 overlapped compartments. Upper compartment with 2 tempered glass door (hinged door 27900 or sliding door 27902), lock with key and 2 stainless steel, height adjustable shelves. Inferior compartment with 2 doors made of enamelled steel plate and 1 enamelled steel sheet shelf. Delivered in kit form.

BED-TRAYS - FOLDING-LEGS

BED-TRAYS
Bed-trays with anti-scratch surface and containing edge.
Folding legs. Size: 60x40x24 cm. Made in Italy.
- **44750 BED TRAY - white**
- **44753 SERVOPLUS BED TRAY - 3 position - walnut**
Bed tray/bookrest tilting in 3 positions.

44750
Weight: 2.75 kg

44753
Weight: 3.2 kg

PROFESSIONAL PATIENT TROLLEY - ADJUSTABLE HEAD SECTION

- **27804 PROFESSIONAL PATIENT TROLLEY with adjustable head section, side rails and oxygen cylinder holder**
- **27805 PROFESSIONAL PATIENT TROLLEY - RADIOTRANSPARENT FRAME with adjustable head section, side rails and oxygen cylinder holder**
Innovative, stylish comfortable trolley easy to use.
Trolley made in sturdy tubular for optimal stability.
Position of vertical columns and radiotransparent frame (only 27805) allow the structure to have a wide radiotransparent surface.
Supplied with 4 wheels Ø 200 mm (2 with brake), bumbers, push handle.
Detachable frame with adjustable head section (27804) or fixed frame, 12 mm thickness, with adjustable head section (27805).
Size: 196x76xh 75 cm
Net size: 193x68 cm
Maximum load: 200 kg
Weight: 70 kg
- **27807 MATTRESS**
- **27808 IV STAND**

27804

RADIOTRANSPARENT FRAME

27805

FITNESS SCALE

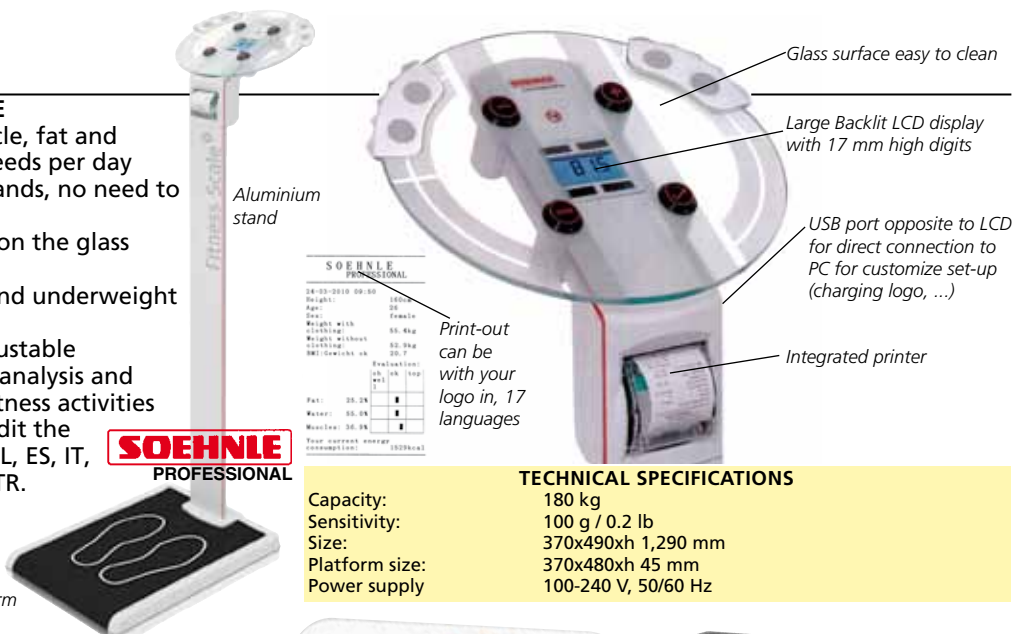**• 27286 SOEHNLE 7850 FITNESS SCALE**
Fitness scale for measurement of muscle, fat and water components, BMI and caloric needs per day
- impedance measurement through hands, no need to take off the shoes
- simple self-explanatory menu guide on the glass surface
- no limit on measurement for over- and underweight people
- clothing weight value seasonally adjustable
- print-out of data/time, weight, data analysis and recommendations for nutrition and fitness activities
- CD-Rom with software included to edit the print-out and settings in DE, GB, FR, NL, ES, IT, HU, CZ, FI, SE, NO, DK, GR, PL, SI, RU, TR.
- kg/lbs/st selection function
Manual in: GB, FR, IT, DE, CZ.
• 33250 PAPER ROLL 57mm x 25m - box of 5

Aluminium stand

SOEHNLE PROFESSIONAL

Print-out can be with your logo in, 17 languages

Extra large weighing platform

Glass surface easy to clean

Large Backlit LCD display with 17 mm high digits

USB port opposite to LCD for direct connection to PC for customize set-up (charging logo, ...)

Integrated printer

TECHNICAL SPECIFICATIONS	
Capacity:	180 kg
Sensitivity:	100 g / 0.2 lb
Size:	370x490xh 1,290 mm
Platform size:	370x480xh 45 mm
Power supply	100-240 V, 50/60 Hz

BODY FAT SCALES

• 27088 LIBRA BODY FAT SCALE - white
• 27089 LIBRA BODY FAT SCALE - black
• 27090 LIBRA BODY FAT SCALE with Bluetooth 4.0 - white
Multi function scales, for measuring body fat, water, muscle and bone mass. Supplied in a 4 colour box with multilanguage manual (GB, FR, IT, ES, PT, PL)
- equipped with 4 precision G sensors
- auto off in 30 seconds
- 3 touch buttons for easier usage (27088-9) or App (27090)
- 8 user memories
- auto-on function

TECHNICAL SPECIFICATIONS			
Capacity:	150 kg / 330 lb - minimum 5 kg	LCD Size:	62.5x62 mm
Sensitivity:	100 g / 0.2 lb	Batteries (included)	
Size	310x310x18.8 mm	Switchable kg/lb/st	

27090

27089

Analysis of results shown on APP

Weight and analysis of results shown on scale (27088 and 27089)

SOEHNLE MEDISCALE CLASS III

SOEHNLE

27242
27250

• 27242 SOEHNLE MEDISCALE
• 27250 SOEHNLE MEDISCALE - Bluetooth
Approved to Class III, medical device directive (MPG) Class 1. Bright luminous LED display, 15 mm digit height. Instant-start-function by stepping on the scale. Energy-saving auto-off function. Units in kg or lb. Mains operation.

TECHNICAL SPECIFICATIONS			
Capacity:	250 kg	Sensitivity:	50/100 g
Size:	365x490x170 mm	Weight:	13 kg

AND HEALTH SCALE

AND

27256

• 27256 AND HEALTH SCALE - Bluetooth
One of most advanced health scales available. Designed for ease of use and accuracy, this device will facilitate your daily weight management regimen. At the end of measurement, data is automatically sent from this scale to the receiver device throught Bluetooth. Selectable kg or lb.

TECHNICAL SPECIFICATIONS			
Capacity:	150 kg / 330 lb	Sensitivity:	100 g < 100 kg > 200 g
Size:	350x350x39 mm	Weight:	2.3 kg

BABY AND CHILD SCALE

GIMA

• 27312 BABY AND CHILD DIGITAL SCALE
Multifunctional scale for babies and children with removable light plastic tray. It can be used with the baby tray for babies or without for children. Weight difference display function with memory: you can see the gain of weight of the baby after feeding. Precise scale with easy-to-read LCD display. Auto zero, auto tare, auto hold function. Automatic switch off and low battery indicator. Switchable to kg/lb/st. Made in Europe. Manual and box in: GB, FR, IT, ES, PT, PL, DE, RO, CZ, HR, HU, LV, EE, SK, SI.

TECHNICAL SPECIFICATIONS			
Capacity:	20 kg	Sensitivity:	10 g
Tray dimensions:	525x305x63-95 mm	Weight:	2 kg
Pack dimension:	540x300x110 mm		
Battery operated:	2xCR2032 lithium batteries		

MINIASPEED BATTERY EVO PROFESSIONAL SUCTION ASPIRATORS

- 28282 MINIASPEED EVO BATTERY SUCTION - 1 l
- 28283 MINIASPEED EVO BATTERY SUCTION - 1 l for ambulance
- 28284 MINIASPEED EVO BATTERY SUCTION - 2 l

Professional portable high flow - high vacuum aspirators with integrated rechargeable batteries. It works at 12 V power supply with rechargeable batteries or directly by mains supply, continuously at 110-230 V while recharging batteries. Up to 45 minutes of autonomy with fully charged battery. Made in Italy.

- 25480 SILICONE TUBE 6x12 mm - roll of 30 m
- 28254 ADAPTER FOR CATHETER
- 28255 HYDROPHOBIC 99% BACTERIAL FILTER
- 28258 AUTOCLAVABLE JAR 1000 ml (with cover)
- 28259 DISPOSABLE SUCTION LINER
- 28294 AUTOCLAVABLE JAR 2,000 ml (with cover)

LED for battery status — Suction on/off — Vacuum adjustment — Vacuum — Lamp on/off

Courtesy lamp

28282 Space for accessories

TECHNICAL SPECIFICATIONS	
Operating voltage:	with battery DC 12 V
	with power supply 100÷240 V ~ 50/60 Hz - 14 VDC 4,28A
Power consumption:	max 50 W
Size:	134x378xh 263 mm Weight: 4.7 kg (5 kg version for ambulance)
Bottle capacity:	1,000 or 2,000 ml
Flow:	30 air litres/min
Sound level:	65 dBA at 1 m
Operating cycles:	continuous (45 minutes battery autonomy)
MAX vacuum:	0 ± 85 kPa
Internal battery:	12 VDC 4A h lead hermetic
Battery autonomy:	about 45 minutes, recharging time approx 6 hours
Norms:	MDD 93/42/EEC (Class IIa - annex IX)
	EN60601-1(IEC 60601-1) / EN60601-1-2 (IEC 60601-1-2)
	UNI EN ISO 10079-1/ UNI CEI EN ISO 14971
	Degree of protections against ingress of liquids: IP34d (IEC 529)
	Class II- Type B

STANDARD ACCESSORIES	
Autoclavable 1 or 2 l jar with safety valve	Power supply cord - 2 m
Sterile disposable cannula CH14	Shoulder carrying bag (28283 only)
Sterile disposable manual regulator	Courtesy lamp
Disposable silicone liner 1 l	Multivoltage battery charger
2 bacterial hydrophobic filter	Silicone tubing set Ø 6x12 mm
Cigarette lighter power cord	Support bracket for ambulance (28283 only)
User manual: GB, IT, FR, DE, ES	

MESH NEBULIZER

- 28075 MESH NEBULIZER

Small, handy, lightweight nebulizer for the treatment of respiratory diseases such as asthma, allergies, ...
Can operate with 2xAA standard batteries or optional AC adaptor 100x240 V.
- maximizes the benefits of medicine
- portable, handheld design (only 120 mm height)
- ultra-low noise and ultra-light design
- one-button operation for easy use
- for adult and child: noiseless use and compact design allow to make inhalation even while children are sleeping
- multilanguage box: GB, IT, FR, ES
Supplied with cover, connector, adult and

28075

child mask, mouthpiece, 2xAA batteries, carrying bag, manual (GB, IT, FR, ES)
- 28076 RESPIRATORY ACCESSORY KIT (adult and child mask, mouthpiece and connector) - spare
- 28077 AC-DC ADAPTER 100-240 V - optional

TECHNICAL SPECIFICATIONS	
Power supply:	2xAA batteries or adapter (AC-DC 3V 1A)
Rated power:	2W
Ultrasonic frequency:	approximately 140kHz
Nebulizer rate:	≥0.2ml / min
Max. / min. liquid volume:	8ml / 0.5ml
MMAD	approximately 5µm
Low battery indicate:	2.2V ±0.2V
Nebulizing head life:	180 hours
Battery life:	90 minutes with two AA alkaline battery
Automatic shutdown:	automatic shutdown without liquid
Safety level:	Type B, Class II

GIMA BATHROOM SCALES

LCD display 74x38 mm

LCD display 72x35 mm

Ultra slim design: only 19 mm height

9 languages colour box and manual: GB, FR, IT, ES, DE, PL, PT, GR, Arabic

CE 27262

CE 27248

27249

- 27262 DIGITAL SCALE

Electronic bathroom scale with plastic platform. 4 sensor high precision system. Auto-on function, low battery and overload indicator. Lb/kg/st switchable. 9 languages colour box and manual: GB, FR, IT, ES, DE, PL, PT, GR, Arabic
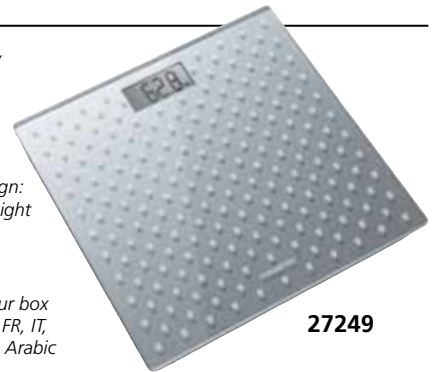
- 27248 DIGITAL GLASS SCALE - black

Electronic bathroom scale with 6 mm thick tempered glass platform. 4 high precision G sensors. Automatic on and off function. Lb/kg/st switchable by user.

- 27249 DIGITAL GLASS SCALE - grey

Electronic bathroom scale with 6 mm thick tempered glass platform. 4 high precision G sensors. Automatic on and off function. Lb/kg/st switchable by user.

TECHNICAL SPECIFICATIONS
Capacity: max 150 kg (330 lbs) - min. 3 kg (6.6 lb)
Sensitivity: 100 g = (0.2 lb)
Dimension: 299x297x32.4 mm
Power: 1xCR2032 lithium battery - not included
Warranty: 2 years

TECHNICAL SPECIFICATIONS
Capacity: max 150 kg (330 lb) - min. 2 kg (4.4 lb)
Sensitivity: 100 g (0.2 lb)
Dimension: 300x300x19 mm
Power: 1xCR2032 lithium battery - not included
Warranty: 2 years

TECHNICAL SPECIFICATIONS
Capacity: max 150 kg (330 lb) - min. 2 kg (4.4 lb)
Sensitivity: 100 g (0.2 lb)
Dimension: 300x300x19 mm
Power: 1xCR2032 lithium battery - not included
Warranty: 2 years

■ AIR COMPRESSION THERAPY SOLUTIONS

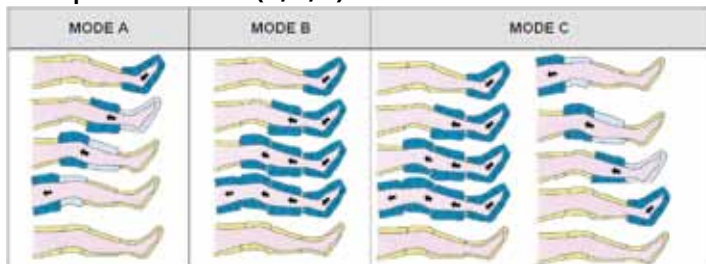All human body is supplied by peripheral circulation of blood and lymph

Our systems help patients to recover from their disease by improving blood and lymph circulation and metabolism

Our systems consist of air chambers and an air pump offering air compression massage to legs, arms or waist.

<table>
<tr><td>

Medical indications
- DVT (Deep Vein Thrombosis)
- Lymph edema
- Post-paralytic
- Limb convulsion
- Venosclerosis
- Chronic venous insufficiency (CVI)
- Post-mastectomy
- Post-trauma
- Spinal cord injury
- Varicose veins
- Sciatica
- Sprains
- Diabetes
- Arterial insufficiency

</td><td>

Home care indications
- Lymph edema
- Diseases caused by interrupted blood circulation
- Cellulitis fat dissolution
- Pregnant woman's limb treatment
- Benumbed feet or hands
- Cold feet or hands
- Settlement of stress
- Exercise effects
- Insomnia
- Healthier body and elastic skin
- Old age, weakness and fatigue

</td></tr>
</table>

• **28430 MAYLEA GIMA DIGITAL COMPRESSION MASSAGE with 2 legs (98x38 cm) - 4 chambers, 1 single and 1 double hose and cable**
Skip function to choose directly the parts to be massaged. Fully digital management. Autocalibration functions. Manual: GB, FR, IT, ES. This system can operate with **3 compression modes (A, B, C).**

MODE A	MODE B	MODE C

Display mode selector
Selector mode button
Pressure knob
Power button

Universal cable included is suitable for leg, arm and waist cuff
Pressure indicator
Channel
Skip set-up
Time selector

28430

Air intake

Possibility to use 2 leg cuffs at the same time with double hose (code 28440)

28430

TECHNICAL SPECIFICATIONS
- pressure sensor	- one touch connection hose plug
- digital timer (10, 20, 30, 40 min)	- body size: 190x250x210 mm
- digital pressure gauge (10~180 mmHg)	- body weight: 3 kg

• **28435 LEG 93x32 cm**
• **28434 LEG EXTENSION ZIPPER - 10 cm extra extension**
• **28440 DOUBLE HOSE - to use two leg cuffs at the same time - spare**
• **28436 ARM CUFF unique size - 86x29 cm**
• **28437 WAIST CUFF 130x38 cm**

Leg cuff (28435)
93 cm — *32 cm*

Arm cuff (28436)
29 cm — *86 cm*

Waist cuff 130x38 cm (28437)
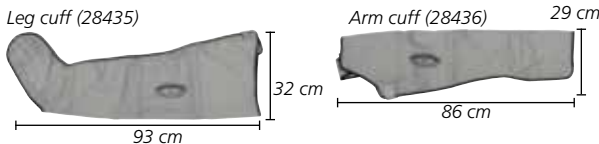
• **28441 MK400L PROFESSIONAL COMPRESSION SYSTEM with 2 legs (L and XL), and 2 single hoses**
MK400L is a professional air compression therapy system with essential functions for different kinds of patients. This system provides 3 compression modes (wave, squeezing, double squeezing), reverse compression settings, skip functions to select directly part to be pressurized and compression speed controller. Touch key pad display. Manual: GB, IT, ES.

PROFESSIONAL AIR COMPRESSION SYSTEM

28441 *2 hose plugs connections*

• **28442 LEG CUFF L - 6 CHAMBERS - spare**
• **28443 LEG CUFF XL - 6 CHAMBERS - spare**
• **28444 LEG EXTENSION ZIPPER XL - 10 cm extra extension for 28443**
• **28445 SINGLE HOSE - spare**
• **28446 ARM CUFF - 6 CHAMBERS - universal**
• **28447 WAIST CUFF - 6 CHAMBERS - min-max girth 94-125 cm**

TECHNICAL SPECIFICATIONS
- Pressure range: 10~200 mmHg	- Use time: 1~90 minutes
- Automatic pressure detection	- Body size: 415x310x160 mm
- Operating voltage: 220-240 V, 50/60 Hz, 50 VA	- Body weight: 6.5 kg

You can use 2 leg cuffs at the same time, MK400 has 2 connection plugs

28447

28446

*6 chamber legs*

A mode (Wave)
The selected air chamber inflates and deflates by one chamber sequentially from foot up to thigh.

B mode (Squeezing)
After all the selected air chambers inflate sequentially from foot up to thigh the inflated chambers deflate at once.

C mode (B mode two time + Reverse A mode 1 time)
The selected air chambers inflate and deflate by two chambers sequentially from foot up to thigh.
Reverse setting: it allows to change automatically the selected mode to reverse mode.
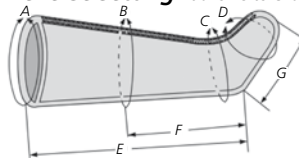
Cuff	Leg dimension (cm)					
Size	A	B	C	D	E	F	G
L	64,0	49,5	40,5	34,5	75,0	38,0	28,0
XL	73,5	55,0	42,0	35,5	85,0	43,0	31,0

VALUE HUMAN ANATOMY MODELS

HUMAN SKULLS - 2 parts
A detailed reproduction of a life size human skull with all structural details. The mandible is articulated, the skullcap is removable to show internal details. All of the joints, sutures, fissures, foramina and processes are portrayed with utmost accuracy.

40124

40119

• **40155 HUMAN SKULL 1X - 2 parts**

• **40156 HUMAN SKULL 1X NUMERATED - 2 parts**

Giant toothbrush is included

Life size human skeletons show all the skeleton parts in high detail. The main joints are articulated; the upper and lower limbs can be removed easily. The following parts are detachable: Calvarium, Skull, Jaw, Arms, Legs. Supplied with 5-caster roller stand.

Height: 180 cm
Weight: approx 10 kg

40124

• **40157 HUMAN SKULL 1X COLOURED - 2 parts**

• **40199 ORAL HYGIENE MODEL - 3X**

• **40119 HUMAN SKELETON**

• **40124 HUMAN MUSCULAR SKELETON**

Fully flexible life size vertebral columns consisting of the occipital plate, cervical, thoracic and lumbar vertebrae, sacrum, coccyx, complete pelvis with symphysis, removable femur heads
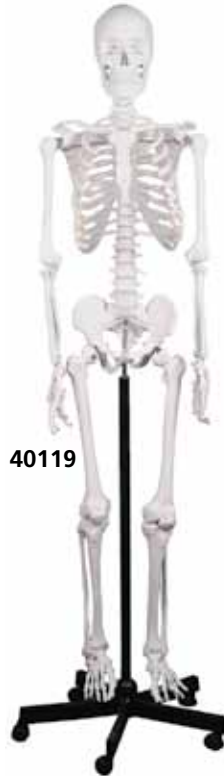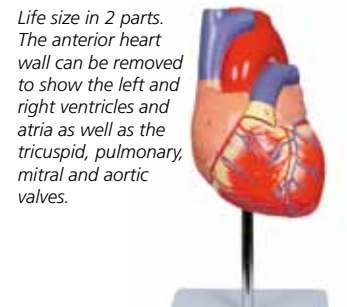
A functional model of knee joint with lateral ligaments, meniscus and patellar ligament.

Life size in 2 parts. The anterior heart wall can be removed to show the left and right ventricles and atria as well as the tricuspid, pulmonary, mitral and aortic valves.

• **40127 FLEXIBLE VERTEBRAL COLUMN with femur heads**

• **40144 KNEE JOINT**

• **40139 SHOULDER JOINT**

• **40069 HEART 1X - 2 parts**

Assembled

40028   *Disassembled*
Cornea, iris, lens and vitreous body can be removed.

40070

Shows internal structures including the cardiac valves and the comparative morphology of the right and left ventricles.

• **40028 EYE 6X - 6 parts**

• **40070 HEART 3X - 3 parts**

These models show the external, middle and inner ear.
The eardrum with malleus, incus and stapes are removable.
Also cochlea and labyrinth with vestibular and cochlear nerves and 2 bones sections (40039 only) that define the middle and inner ear are removable.
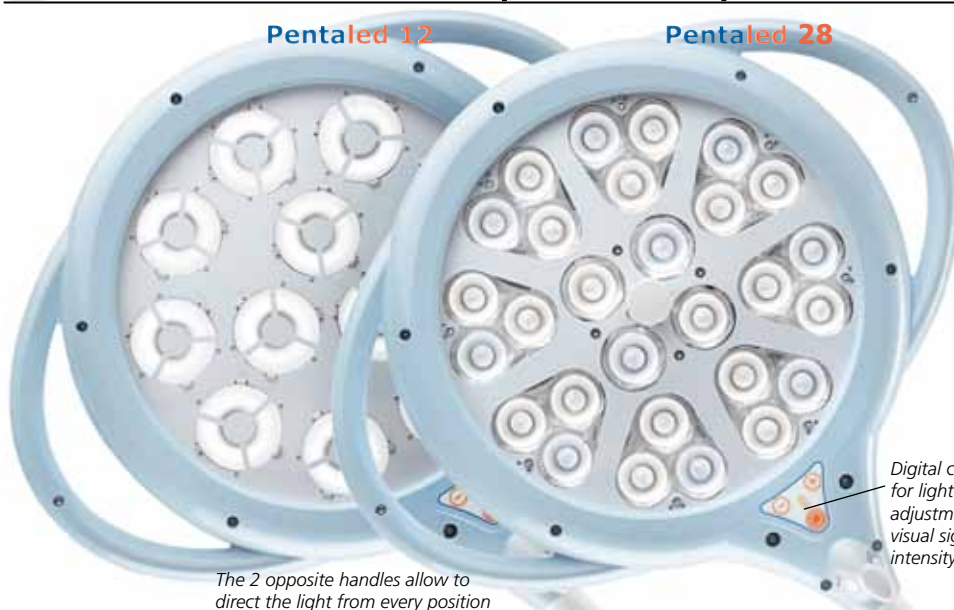
40039

• **40038 EAR 3X - 3 parts**

• **40039 EAR 3X - 5 parts**

PENTALED 12 - 50,000 LUX, PENTALED 28 - 80,000 LUX

Pentaled 12   Pentaled 28

The 2 opposite handles allow to direct the light from every position

Pentaled 12
- **50,000 Lux at 1 m**
- **indirect light** with 12 elliptic reflectors. They reflect the light rays emitted by the LEDs. Does not dazzle and does not strain eyes.

Pentaled 28
- **80,000 Lux at 1 m**
- **direct light** with 28 LED lens
- **double colour selection:** 4,500 or 5,000 K
- **light field adjustment**

Digital control for light intensity adjustment with visual signal of intensity set up

Light field adjustment for PENTALED 28

PENTALED
PENTALED is a perfect combination of technological developments, innovation, ergonomy and compact design, ultra-light and handy structure.
Five versions available (trolley, ceiling, ceiling double, trolley with battery group and wall) and technical performances make PENTALED suitable for precision operations, diagnostic use, surgical rooms and small surgeries.
Battery group, with an autonomy of 3 hours, is available on request also for wall and ceiling models.

Cold LED light
Bright and cold light reproduces colours faithfully, assuring excellent definition of details.

Ergonomic
PENTALED can be easily positioned by rotation on 4 axes:
- the dome has a full-circle 360° rotation
- the arm moves vertically thanks to a spring balancing system
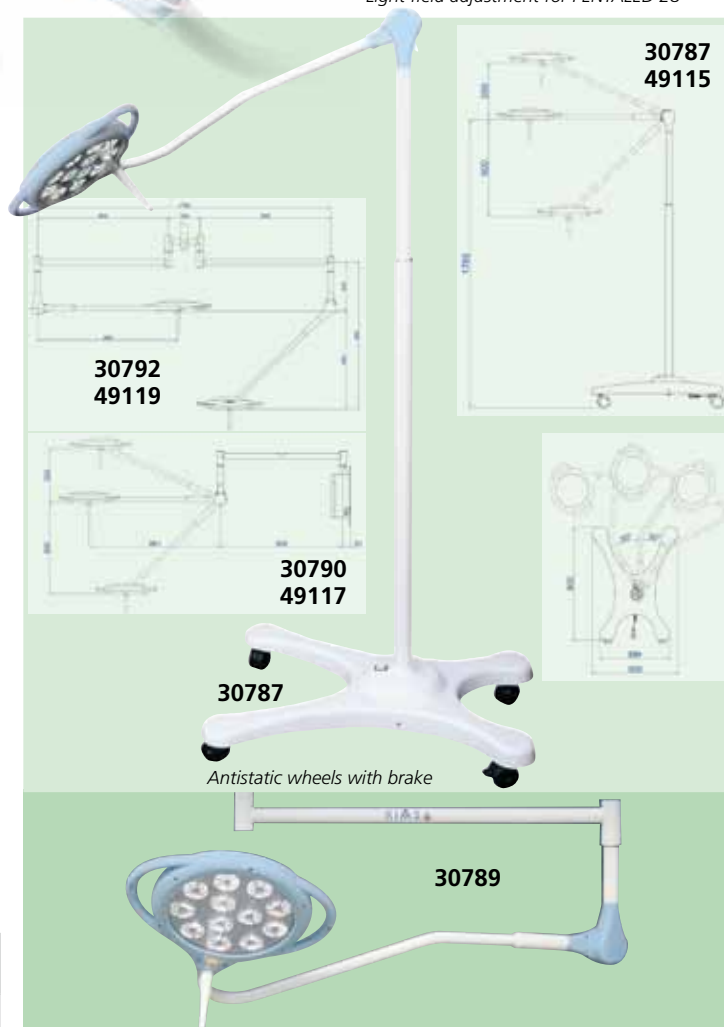- the reflector can be rotated on the vertical and horizontal axis.
Movements are possible through the sterilizable handle.

50,000 hours life time
The low power supply current and the heat dispersion through aluminium dome allow the LED a 50,000 hours lifetime.

Light intensity adjustment
Light intensity adjustable through digital control

The ultra-flat lighting body is equipped with ultra-resistant polycarbonate screen which guarantees protection against accidental collisions.

The dome can be adjusted by the sterilizable handle

30787
49115

30792
49119

30790
49117

30787

Antistatic wheels with brake

30789

GIMA code	PENTALED 12 LEDS
30787	Pentaled 12 - trolley
30789	Pentaled 12 - ceiling
30790	Pentaled 12 - wall
30791	Pentaled 12 - trolley with battery group and automatic charger
30792	Pentaled 12+12 - ceiling double
30793	Autoclavable handle - spare

GIMA code	PENTALED 28 LEDS
49115	Pentaled 28 - trolley
49116	Pentaled 28 - ceiling
49117	Pentaled 28 - wall
49118	Pentaled 28 - trolley with battery group and automatic charger
49119	Pentaled 28+28 - ceiling double
30793	Autoclavable handle - spare

TECHNICAL SPECIFICATIONS

		PENTALED 12	PENTALED 28
Light intensity at 1 m distance	Lux	50,000	80,000 (5,000K)
			50,000 (4,500K)
Colour temperature	K°	4,500	4,500/5,000
LED	No.	12	28
Average LED life	hours	50,000	50,000
CRI (Chromatic rendering Index)	Ra	96	92 (5,000K)
			96 (4,500K)
Light field where illumination reaches 50% of Ec (d50)	Ø mm	70	135
Light field where illumination reaches 10% of Ec (d10)	Ø mm	140	270
Depth of illumination (L1+L2) at 60%	cm	87 (62+25)	58 (28+30)
Total radiated energy Ec	W/m^2	119	220
Weight (ceiling, mobile, wall, double)	kg	⊢——18-13-12-20——⊣	
Power supply	V/Hz	⊢——100-230V, 50-60Hz——⊣	
Standards: IEC 60601-2-41, 2007/47/EEC, medical device of Class I			

HEINE DELTA 20® T LED^HQ DERMATOSCOPES 10X - 16X

• **31165 HEINE DELTA 20® T LED^HQ DERMATOSCOPE 2.5V for polarization and immersion - K-262.10.118**
• **31168 HEINE DELTA 20® PLUS LED^HQ DERMATOSCOPE 3.5V (NiMh) for polarization and immersion with rechargeable handle for mains socket - K-262.20.376**
Precision HEINE Optics - high quality, achromatic optical system provides unsurpassed sharpness and resolution. Focusing system provides for 10X to 16X magnification for detection of even the smallest details and structures.
LED in HQ - the new standard in LED illumination defining optimal light intensity, homogeneity and colour rendering for each individual examination - Colour temperature: 5.000 K, Colour Rendering Index (CRI) > 80 on a scale of 100. This ensures true tissue colour for the most accurate diagnosis.
Toggle between polarised and non-polarised illumination modes (31165 only) - conveniently alternate between two modes with the press of a button - no exchange of contact plates necessary. Allows recognition of the "Blink Sign" when observing crystalline structures and presence of milia cysts, increasing diagnostic function.
Optional small contact plate for difficult to access lesions.
Digital documentation capabilities - connect to major brand SLR digital cameras with HEINE digital camera lens system. Specially designed lenses integrate the camera and DELTA 20 T or Plus optics together to provide highest quality imaging.
LED Thermal Management - ensure long-term performance and product stability. Carefully selected and applied heat-diffusing materials guarantee up to 50.000 hours.

5 YEARS WARRANTY

31165
31168

Supplied with hard case, dermatoscopy compendium, 10 ml oil.
• **31162 HEINE DELTA T LED DERMATOSCOPE HEAD with contact plate with graduated scale - K-008.34.221** (can be used with any Heine Beta handle). Supplied with compendium.
• **31179 SMALL CONTACT PLATE Ø 8 mm - K-000.34.205**
• **31171 SLR PHOTO ADAPTOR - for Canon**
• **31173 SLR PHOTO ADAPTOR - for Nikon**
• **31174 SLR PHOTO ADAPTOR - for Olympus**
• **31169 ADAPTOR CORD - 1.30 m**
• **31183 DERMATOLOGY OIL - box of 4 bottles of 12.5 ml**

31171   **31179**

HEINE NC1 LED DERMATOSCOPE

• **31158 HEINE NC1 LED^HQ DERMATOSCOPE - D-008.78.132**
LED thermal management - LED illumination systems require thermal management. Carefully selected heat-diffusing materials guarantee consistent quality and performance for up to 50.000 hours.
Aluminium frame - more stability to the device for a long working life.
Non-Contact Dermatoscope - examining patients without touching the skin saves time and provides more professional distance between examiner and investigation area.
Polarised Illumination for detailed views of the crystalline and vascular structures. Allows examinations without contact liquids.
Precision HEINE Optics with 6X magnification - high-quality, aspherical optical system provides unsurpassed sharpness and resolution.
LED in HQ - optimal light intensity, homogeneity and colour

rendering for each individual examination - Colour temperature: 5.000 K, Colour Rendering Index (CRI) 80, special index for red colours (R9) 35 on a maximum scale of 100. This ensures true tissue colour for the most accurate diagnosis.
Optional Contact Plate with additional magnification - adding the contact plate transforms NC1 in a contact dermoscopy, increasing magnification (9X) plus offering a scale.
It combines the speed and ease of use of non-contact dermoscopy with the detail and precision of a contact device.
• **31159 CONTACT PLATE WITH SCALE - D-000.78.115**

31158

HEINE OMEGA® 500 INDIRECT OPHTHALMOSCOPE

• **31753 HEINE OMEGA 500 XENON-HALOGEN INDIRECT OPHTHALMOSCOPE 6V - C-004.33.539**
With mPack pocket battery, plug-in transformer, headband rheostat and 90° angled adapter
- clearer, crisper views: a new illumination system with Xenon Halogen Technology bulb produces less reflexes off the cornea and clear, high resolution bright images of the fundus.
- enhanced variable pupil function: allows for the precise, synchronized selection of observation and illumination optics for any pupil size. It provides stereopsis in pupils ranging from 10 mm to 1 mm.
- fully featured: 3 Spot sizes: Large, Medium and Small. Integrated diffused light filter.
3 Integrated Filters: Red-free, Cobalt Blue, and Yellow.
- Omega headband comfort: articulating Rear Hinge provides vertical adjustment of the rear band of the headband for individual placement.
• **31756 HEINE OMEGA 500 UNPLUGGED LED^HQ INDIRECT OPHTHALMOSCOPE 6V - C-008.33.535**
With mPack battery integrated in headband, plug-in transformer, headband rheostat and 90° angled adapter. Same feature as 31753 with in addition:
   - LED technology: absolutely homogeneous, uniform illumination, up to 100% brighter compared with XHL (Xenon technology)
      - rechargeable battery integrated on the headband
         - mPack rechargeable battery: charging time 2 hours, operating time 8 hours
• **31757 HEINE OMEGA 500 LED^HQ INDIRECT OPHTHALMOSCOPE WITH DIGITAL VIDEO CAMERA - C-008.33.561**
   with mPack UNPLUGGED with plug-in transformer
   1280 x 960 Imaging: capable of capturing High-Resolution video
      - simple Operation: digital imaging without any additional adjustments.
- comfortable and balanced fit: headband perfectly distributes the low weight of the camera and optics
         - integrated Focus Adjustment
         - interface and Software: will plug into any laptop or computer via USB 2.0 interface. Supplied with software program for video recording and image capture. **For more information see http://dv1.heine.com**
         - cable-Free Power Source: system with mPack UNPLUGGED rechargeable battery.

5 YEARS WARRANTY

Light weight only 450g

DV1

31757

17

DIGITAL Wi-Fi POLARISED DERMATOSCOPE, CAPILLAROSCOPE, IRIDOSCOPE

An innovative line of handheld colour digital microscopes: dermatoscope with polarized filter, capillaroscope and iridoscope with Wi-Fi wireless transmission.
Small, easy to operate light and portable.
They can be used with all the most popular smartphones, tablet and PC.
Designed in Italy, manufactured in China.
Directive 93/43/CEE - Medical device Class I (only 32181 and 32183).

Mic-Fi Digital Wi-Fi Medical Devices

32181

32183

32184

- **32181 Wi-Fi DERMATOSCOPE with polarized filter**

- **32183 Wi-Fi CAPILLAROSCOPE**

- **32184 Wi-Fi IRIDOSCOPE**

DERMATOSCOPE SPECIFICATIONS	
Magnification:	5X to 200X
Light source:	8 adjustable white LED
Lens:	High definition microscopy lens

CAPILLAROSCOPE SPECIFICATIONS	
Magnification:	500X to 600X
Light source:	8 adjustable white LED
Lens:	High definition microscopy lens

IRIDOSCOPE SPECIFICATIONS	
Magnification:	20X
Light source:	2 adjustable white LED+
	2 adjustable yellow LED
Lens:	High definition microscopy lens

TECHNICAL SPECIFICATIONS	
Operation system	Windows, OS X, iOS, Android (it can be used by Wi-Fi or USB)
Photo and video resolution	1.3 MPixels - 1280x1024 (MJPG), 640x480 (MJPG), 320x240
Frame rate	15 fps 1280x1024, 30 fps 640x480 320x240
Wi-Fi wireless transmission distance	Up to 5 m
Power consumption	Max 2.5 W
Li-ion battery	Continuous working time - appx. 2 hours, full charging time - appx. 2 hours
Power source	DC 5.0V / 1A
Size - Weight	Ø 36x142 mm - 88 g

CAMERA

Camera sensor	CMOS 1/4"
Optical features	Exposure: Auto, Gamma: Auto, White balance: Auto, Black reference: Auto

STANDARD ACCESSORIES
Caps of contact (only for 32181)
USB AC adapter
USB cable
Quick manual
Plastic stand
Line calibration ruler

VISIOFOCUS® AND VISIOFOCUS® PRO "NON CONTACT" THERMOMETERS

*VisioFocus® is the most advanced thermometer to precisely measure body temperature. Totally hygienic, **without touching the skin**, VisioFocus® reads infrared radiation naturally emitted by the surface of the skin and calculates the whole body temperature.*

- **Nurs and Doct functions (only 25574) for pandemic situations**: allow to take temperature of up to 1,000 travellers per hour. Nurs has obliged MQCS every 30 minutes, Doct has automatic AQCS
- **very low cost of using** thanks to the long battery life and speed of measurement that allows to reduce the number of thermometers and of operators necessary for a wide screening
- **Made in Italy**

Visiofocus® is supplied with batteries and manual (GB, FR, IT, ES)

25573

- **25573 VISIOFOCUS®**
- **25574 VISIOFOCUS® PRO**

High accurate "non contact" thermometer that projects the temperature on the forehead.
Advantages of VisioFocus®:
- **exclusive patented aiming system** guarantees correct point and distance
- **projection of the temperature on the forehead**
- **face button** automatically adjusts forehead temperature to the environment (room) temperature for accurate result
- **exclusive and patented AQCS and MQCS** systems to maintain correct and constant temperature of device during long periods of use or when moving between rooms with different temperatures
- **clinically tested**
- **totally Hygienic for patients and users:** no touch & no disposables
- **no laser:** absolutely safe for travellers and users no arm if the person eyes are open while measurement is taken
- **CE, FDA, Koseisho, TGA, CFDA** (VisioFocus®), **CE** (VisioFocus® Pro)
- **instantaneous:** gives temperature in less than 1 second

25573

Visiofocus® Pro is supplied in a case with lanyard, batteries and manual (GB, FR, IT, ES)

25574

BACKLIGHTED DISPLAY IN 5 DIFFERENT COLOURS ONE FOR EACH FUNCTION

BODY TEMPERATURE	OBJECTS	MEMORY	AMBIENT	CALIBRATION MQCS
37.2	20.7	36.8	20.7	CAL

TECHNICAL SPECIFICATIONS	
Forehead measuring range	34.0 /42 .5°C (93.2/108 .5°F)
Measuring range (apart from forehead)	1.0/ 80°C (33.8/ 176°F)
Room temperature working range	16/ 40°C (50/104°F)
Can work also in environments with a temperature between 10 and 16°C (50/60,8°F) and between 40 and 45°C (104/113°F) but in this case the accuracy is reduced	
Resolution	0.1°
Accuracy level	According to ASTM E 1965-98:2009
Distance of operation:	About 6 cm (2.36")
Batteries (included)	4 AAA/LR03 type (preferably alkaline)
Batteries life	<30'000 measurement
Measurement time	<0.5 seconds
Time between consecutive measurements	<2 seconds

GIMA

DIGITAL Wi-Fi & USB VIDEOTOSCOPE + SOFTWARE

32180

• **32180 MIC Wi-Fi & USB VIDEOTOSCOPE with software**
Innovative, handheld colour digital Otoscope with Wi-Fi wireless transmission. Small, easy to operate, light and portable. It can be used with all the most popular smartphones, tablets and even with PC.
Designed in Italy, made in China.
• **31491 DISPOSABLE MINI EAR SPECULUM Ø 2.5 mm - black - box of 100**
• **31492 DISPOSABLE MINI EAR SPECULUM Ø 4 mm - black - box of 100**
Suitable also Mini Ear Speculum 31485-8, 31495-9.

TECHNICAL SPECIFICATIONS

Operation system:	Windows, OS X, iOS, Android
Photo and video resolution:	1.3 MPixels - 1280x1024 (MJPG), 640x480 (MJPG), 320x240
Frame rate	15 fps 1280x1024, 30 fps 640x480 320x240
Wi-Fi wireless transmission distance:	up to 5 m
Power consumption:	max 2.5 W
Li-ion battery:	continuous working time - approx. 2 hours, full charging time - approx. 2 hours
Power source:	DC 5.0 V / 1A
Size - weight:	Ø 36x142 mm - 88 g
Camera	
Camera sensor:	CMOS 1/4"
Optical features:	Exposure: Auto, Gamma: Auto, White balance: Auto, Black reference: Auto
Otoscope	
Magnification:	20 X
Focus range:	8-60 mm
Object distance:	1-160 mm
Light source:	4 adjustable white LED
Lens:	high definition microscopy lens
Software interface	Mic-Fi Apps for Android and iOS system and Mic-Fi softwares for PC and MAC

STANDARD ACCESSORIES

Plastic stand	USB AC adapter and cable
Line calibration ruler	CD software and manual (GB, FR, IT, ES, DE)

LUXAMED AURIS LED OTOSCOPES - MADE IN GERMANY

LED-Ring Technology, with 6 LED

31571

31572

USB port (31572 only)

• **31570 LUXAMED AURIS LED 2.5V OTOSCOPE - black**
• **31571 LUXAMED AURIS LED 2.5V OTOSCOPE - blue**
• **31572 LUXAMED AURIS LED 3.7V USB OTOSCOPE - black**
Innovative otoscopes that combine best handicraft production with selected materials with the most modern technology. Two-components handle (aluminium/fibre-glass reinforced) with electronic ON/OFF switch.
Features:
- LED-Ring illumination with 6 LEDs (concentric), no fibre optic, field of vision is not restricted, with the theoretical failure of a single LED, the functionality is not affected (patent DE202013104278U1)
- dimmer
- automatic switchoff after 3 minutes
- approx. 100.000 hours life expectancy of LEDs
- approx. 10.000 Lux intensity of illumination
- approx. 4.000 K colour temperature
- pivoting 3-fold magnifying glass with locking function
- insufflation port for pneumatic test
Supplied with 2xAAA alkaline batteries (31570/1) or lithium-ion rechargeable battery 3.7V (31572) 20 disposable ear funnels (10x2.5 mm and 10x4.0 mm) and manual (GB, IT, DE).

31572
Recharger with USB plug 3 adapters (EU, UK, US)

BULB OR LED PENLIGHTS

LED

25437
25436
25624

BULB
25434

LED 100,000 HOURS LIFETIME

MADE IN GERMANY

25440
25442
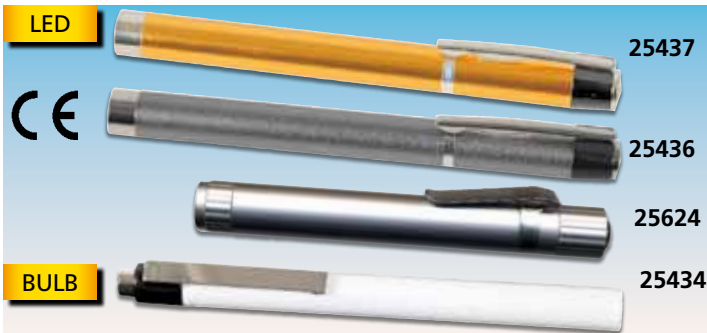
GIMA code	Description	Light	Material	Supplied with batteries	Colour	Packaging	Origin	on/off by
25434	Stylo torch	bulb	metal	2 x AAA	▢ white	Blister	Asia	Push button
25436	Omega Torch	LED	metal	2 x AAA	▢ silver	Plastic case	Asia	Pocket clip
25437	Omega Torch	LED	metal	2 x AAA	▢ gold	Plastic case	Asia	Pocket clip
25624	GIMA torch	LED	metal	2 x AAA	▢ silver	Box	Asia	Push button
25440	Nova torch	LED	plastic	2 x AAA	▢ white		Germany	Pocket clip
25442	Argenta torch	LED	metal	2 x AAA	▢ blue		Germany	Pocket clip

ERKA FINESSE STHETOSCOPES - MADE IN GERMANY

32275
Finesse²

32263
Finesse

32271
Finesse² pediatric

32256
Finesse pediatric

ERKA.
THE ORIGINAL
Made in Germany since 1889

32251
Finesse light

FINESSE STETHOSCOPES
With the reversible double chest-piece you'll be prepared for all eventualities in everyday medical practice. The membrane side guarantees optimal auscultation for the entire frequency spectrum and the open bell side is specifically designed for low frequencies.

FINESSE² STETHOSCOPES
The reversible, combined chest-piece has two membrane sides, each making the full frequency range perfectly audible.
The large membrane is suitable for auscultation of adults and the small one for children or slim patients.

Finesse and Finesse² are supplied with carrying bag

32262

32250

FEATURES	Finesse Light	Finesse Finesse²
Pre-tensioned ERKA. convex membrane provides excellent resonance and sound.	X	X
Non-chill ring ensures highest patient comfort.		X
Superior polish, chromium-plated, non-porous surface and brass chest-piece ensure perfect surface hygiene.	X	X
Two internal channels run parallel in the stethoscope tubing preventing any noise caused by friction of two separate tubes.		X
Through the separately integrated spring in the tube, there is no acoustic loss from the chest-piece to the ear.		X
Ergonomic design and super soft tips provide excellent acoustic seal against external noise interference and maximize user's comfort.	X	X
Standard 15° inclined binaurals can be individually adapted to the specific ear canal of the user.	X	X

GIMA code	ERKA code		ERKA STETHOSCOPES - tubing length - 55 cm
			FINESSE LIGHT ADULT - head Ø 44.5/33.5 mm
32250	520 000 00	■	Finesse light - black
32251	520 000 20	■	Finesse light - navy blue
32252	520 000 55	■	Finesse light - dark green
			FINESSE PEDIATRIC - head Ø 31/26.5 mm
32256	549 000 00	■	Finesse pediatric - black
32257	549 000 25	■	Finesse pediatric - light blue
32258	549 000 35	■	Finesse pediatric - pink
			FINESSE ADULT - head Ø 44.5/33.5 mm
32262	550 000 00	■	Finesse adult - black
32263	550 000 05	■	Finesse adult - dark grey
32264	550 000 20	■	Finesse adult - navy blue
32265	550 000 55	■	Finesse adult - dark green
32266	550 000 60	■	Finesse adult - burgundy
			FINESSE² PEDIATRIC - head Ø 30/21.3 mm
32270	536 000 00	■	Finesse² pediatric - black
32271	536 000 35	■	Finesse² pediatric - pink
			FINESSE² ADULT - head Ø 47/30 mm
32275	535 000 00	■	Finesse² adult - black
32276	535 000 05	■	Finesse² adult - dark grey
32277	535 000 20	■	Finesse² adult - navy blue

ERKAPHON STETHOSCOPES - MADE IN GERMANY

Stethoscope with double chest piece is switchable from membrane to bell function. The membrane side is suitable for the auscultation of high and low frequency sounds while the bell side is designed for cardiac impulses.

32358

32345

32350

ERKA.
THE ORIGINAL
Made in Germany since 1889

ERKAPHON STETHOSCOPES:
High quality precision stethoscopes for excellent acoustics, made in Germany.
All stethoscopes are equipped with 56 cm long Y tube, brass chrome-plated binaural and chest-piece (32350, 32358) or aluminium (32344-7), membrane Ø 44 mm, bell Ø 30 mm (32358 only).

GIMA code	ERKA code	ERKAPHON STETHOSCOPES
		ERKAPHON FLAT CHESTPIECE - aluminium
32344	544 000 10	Erkaphon flat chestpiece - black
32345	544 000 20	Erkaphon flat chestpiece - navy blue
32346	544 000 25	Erkaphon flat chestpiece - light blue
32347	544 000 30	Erkaphon flat chestpiece - red
		ERKAPHON FLAT CHESTPIECE - chromed
32350	543 000 10	Erkaphon flat chestpiece - black
		ERKAPHON DOUBLE CHESTPIECE - chromed
32358	541 000 10	Erkaphon double chestpiece - black

3M™ LITTMANN® CLASSIC III STETHOSCOPES

GIMA code	3M code	3M™ LITTMANN® STETHOSCOPES - length 69 cm
		CLASSIC III - head Ø 43/33 mm
32290	5620	■ Littmann® Classic III - black
32291	5622	■ Littmann® Classic III - navy blue
32292	5626	■ Littmann® Classic III - raspberry
32293	5627	■ Littmann® Classic III - burgundy
32294	5639	■ Littmann® Classic III - rose pink
32295	5832	■ Littmann® Classic III - lavender
32296	5835	■ Littmann® Classic III - turquoise
32297	5839	■ Littmann® Classic III - lemon - lime
32298	5840	■ Littmann® Classic III - emerald
32299	5621	■ Littmann® Classic III - grey
32300	5623	■ Littmann® Classic III - caribbean blue
32301	5624	■ Littmann® Classic III - hunter green
32302	5629	■ Littmann® Classic III - orange
32303	5630	■ Littmann® Classic III - ceil blue
32304	5633	■ Littmann® Classic III - pearl pink
32305	5829	■ Littmann® Classic III - lime green
32306	5831	■ Littmann® Classic III - plum
		CLASSIC III SPECIAL EDITION - head Ø 43/33 mm
32310	5803	■ Littmann® Classic III - black edition
32311	5809	■ Littmann® Classic III - chocolate - copper finish
32312	5806	■ Littmann® Classic III - raspberry - rainbow finish
32313	5807	■ Littmann® Classic III - caribbean blue - rainbow finish
32314	5811	■ Littmann® Classic III - black - smoke finish
32315	5812	■ Littmann® Classic III - dark olive green - smoke finish

The 3M™ Littmann® Classic III™ Stethoscope offers high acoustic sensitivity for exceptional performance when doing general physical assessments. It features dual tunable diaphragms and updated design.
- high acoustic sensitivity
- dual single-piece tunable diaphragms (pressure sensitive)
- versatile adult and pediatric two-sides chestpiece
- small-side diaphragm prevents debris in open bell
- snap tight soft-sealing eartips
- next generation longer-life tubing
- small side converts to open bell

AUTHORIZED DEALER

CMS-M MULTI-FUNCTIONAL VISUAL STETHOSCOPE

• **32596 MULTI-FUNCTION STETHOSCOPE with SpO$_2$ probe, USB cable and adapter**
• **32598 SpO$_2$ PROBE - spare**
Multi-function visual stethoscope with real time display of ECG waveform, heart rate and pulsoximeter.
- Compact and portable, easy to use.
- Adjustable screen contrast
- Adult SpO$_2$ sensor
- Alarm function for SpO$_2$ and Pulse rate
- Low power consumption

32596

TECHNICAL SPECIFICATIONS	
Heart rate	**SpO$_2$**
Measurement range: 30 - 300 bpm	Measurement range: 0% - 100%
Accuracy: ±2 bpm	Accuracy: 70% - 100% ±2%, <70% unspecified
Pulse rate	**Other**
Measurement range: 30 - 250 bpm	Power supply: Rechargeable lithium battery DC 3.7V
Accuracy: ±2 bpm or ±2% (select larger)	Display: 2.7" LCD
	Size: 87x63x19 mm

CMS-VESD MULTI-FUNCTIONAL VISUAL STETHOSCOPE

• **32597 MULTI-FUNCTION VISUAL STETHOSCOPE with SpO$_2$ probe, USB cable and adapter, earphone**
• **32598 SpO$_2$ PROBE - spare**
The device contains stethoscope function and displays ECG waveform, heart rate, SpO$_2$, pulse and pulse waveform. Suitable for hospital, clinic, medical community and family.
- compact, light and portable, easy to use
- earphone output and adjustable volume
- alarm for SpO$_2$ and pulse rate exceeding limits
- real-time detecting, data storage and review
- real-time clock
- recorded data can be transferred to PC
- PC analysis software
- low power consumption

32597

Wireless transmission

USB connection

LCD display

TECHNICAL SPECIFICATIONS		
Stethoscope	**Pulse rate**	**Other**
Heart: 20 - 230 Hz	Measuring range: 30 - 250 bpm	Battery: 3.7V rechargeable lithium battery
Lung: 100 - 800 Hz	Accuracy: ±2 bpm or ±2% (select larger)	Display: 2.4" colour TFT
H&L: 20 - 800 Hz	**SpO$_2$**	Size: 110x60x14 mm
Heart rate	Measuring range: 0% - 100%	
Measuring range: 30 - 300 bpm	Accuracy: 70 - 100% (±2%) <70% unspecified	
Accuracy: ±2 bpm		

■ OMRON DIGITAL BLOOD PRESSURE METERS

CLINICALLY VALIDATED

OMRON

Intelli wrap cuff fits normal and large arms and eliminate inaccurated readings associated with incorrect positioning

CE 0197   CE 0197   CE 0197

• 32944 OMRON M2 HEM-7121-E
with Easy cuff 22-32 cm
• 32945 ADULT EASY CUFF 22-32 cm - HEM-CR24 - spare
• 32929 AC/DC ADAPTOR

Intelli sense
The Intellisense™ technology ensures that the right inflation pressure is automatically detected. It detects irregular pulses and decides fully automatically if the measurement result is usable or the measurement needs to be repeated. Only accurate results are displayed.

• 32928 OMRON M3 HEM-7131-E
with Easy cuff 22-42 cm
• 32938 ADULT EASY CUFF 22-42 cm - HEM-RML31 - spare
• 32929 AC/DC ADAPTOR

Irregular heartbeat detection (sensibility comparable to ECG 12 lead)

• 32934 OMRON M6 COMFORT IT - HEM-7322U-E
with USB cable
• 32929 AC/DC ADAPTOR

B.P. level indicator easily identifies possible hypertension
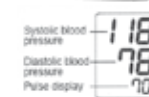
Full size display with all parameters at once

• 32932 OMRON RS3 HEM-6130-E

CE 0197

TECHNICAL SPECIFICATIONS

		32944 M2	32928 M3	32934 M6	32932 RS3
Measuring method:			oscillometric		
Measuring range:	Pressure:		0 mmHg to 299 mmHg ± 3 mmHg		
	Pulse:		40 to 180 min ± 5% of display reading		
Memory (with data and time):		30	60x 2 users	100x2 users	60
Inflation:			fuzzy logic controlled by electric pump		automatic
Deflation:			automatic pressure release valve		automatic
Rating:			6VCC 4W		
Power source:		4 "AA" batteries 1.5V	4 "AA" batteries 1.5V		2 "AAA"batteries 1.5 V
Battery life (N° of measurements):		1000	1000	1000	300
Protection against electric shock:			internally powered ME equipment (when using batteries)		
Weight (console+cuff) whitout batteries:		250+130 g	280+170 g	380+163 g	101 g
Size:		104x84xh 129 mm	107x141xh 79 mm	124x161xh 90 mm	78x60h 21 mm
Cuff materials:			nylon and polyester		
Measurable circumference:		22-32 cm	22-42 (arm)	22-42 (arm)	13.5-21.5 (wrist)

■ DENVER SPHYGMO

• 32744 DENVER SPHYGMOMANOMETER - trolley
Trolley sphygmomanometer, light but with high stability and 360° swivelling castors. Adjustable height (90 to 135 cm) with metal basket. Square-shaped-dial 145x145 mm and cotton cuff with D-ring. 2-tube adult latex bladder, standard latex bulb, air-release valve with spring, spiral PVC tube (1.8 m).
• 32839 CHILD CALIBRATED CUFF
• 32850 ADULT CALIBRATED CUFF - spare
• 32841 ADULT CALIBRATED LARGE CUFF

32744

■ USB F.O. LARYNGOSCOPE HANDLE

• 34468 USB F.O. LARYNGOSCOPE HANDLE
Universal USB handle for green fibre optic blades. This handle is a charging unit including lithium-ion rechargeable battery and USB port for easy recharging without charging station.
Features:
- glass bead blasted, matt chromium plated surface for a high quality optic
- no surface structure, lateral grooves for hygienic use and secure grip in the hand
- metallic lamp case
- quick and easy removal of bulb
- autoclavable up to 134° (without bulb and batteries)
- handle in accordance with ISO 7376 (green standard)
Made in Germany.

USB port

IN ACCORDANCE WITH ISO 7376 FOR ALL GREEN F.O. BLADES

Handle supplied in a rigid case with 3 adapters (US, GB, EU)

GIMA

SLEEP APNEA SCREEN METER

• **33676 SLEEP APNEA SCREEN METER**
Suitable for people who have obstructive sleep apnea-hypopnea syndrome (OSAHS), chronic obstructive pulmonary diseases (COPD), asthma, vascular disease or people over 60 years old. For hospital and home use.
Features:
- wrist-design, small In volume and light in weight
- integrate multi-function in one device, convenient to know more physiological information
- display at SpO_2, PR, pulse sound, bar graph
- display of pulse and nasal airflow waveform
- alarm for low-power, finger-out and over-limit
- adjustable screen brightness
- real-time clock
- auto-power on/off
- record data in continuous 20 hours
- upload data by USB to PC
- PC analysis software

33676

• **33677 RUBBER ADULT SpO_2 PROBE for day**
• **33678 NON-WOVEN SpO_2 PROBE for night - bag of 2**
• **34172 NASAL OXYGEN CANNULA**

STANDARD ACCESSORIES	
Adult, Neonatal disposable SpO_2 probe	Adapter and USB cable
Adult SpO_2 probe	Nose-oxygen tube
Software	Manual (GB, IT)

33676

CE 0123

TECHNICAL SPECIFICATIONS	
Nasal airflow measure range:	0-40 rpm ±2 rpm
SpO_2 measuring range:	0-100 % ±2 % (70-100 %), resolution 1%
Pulse Rate measuring range:	30-250 bpm ±2 bpm or ± 2% (select the larger)
Resistance to surrounding light:	The difference between the value measured in the condition of man-made light and indoor natural light and that of darkroom is less than ±1 %
Display:	1.8" colour OLED
Power consumption:	≤70 mA
Power supply:	3.7 V rechargeable lithium battery
Battery working hour:	continuously work for more than 20 hours
Safely Type:	Internally powered, Type BF applied part
Dimension of device - weight:	69x50x17.3 mm - 100g (lithium battery included)

AMBU® AURA-i™ LARYNGEAL MASK VENTILATION & INTUBATION

AMBU® AURA-i™ DISPOSABLE LARYNGEAL MASKS
Ambu® Aura-i™ is a disposable laryngeal mask designed for everyday use. Pre-formed to follow the anatomy of the human airway, the soft rounded curve of the Aura-i ensures fast and easy placement and guarantees long-term performance.
Aura-i is the preferred everyday routine device for establishing an airway where an ET-tube is deemed unnecessary.
At the same time it holds a place on the difficult airway cart.
In case of a "Cannot Intubate - Cannot mask Ventilate" (CI-CV) situation, where the purpose is to intubate the patient, Aura-i can be used as conduit for direct endotracheal intubation assisted by a flexible scope.
The airway tube is designed to allow easy passage of an appropriately sized ET-tube.
The recommended ET-tube size is indicated on the connector block of the mask.
- packaged sterile and ready for use
- colour coded pouch with directions for use
- 5 sizes fitting a wide range of patients.

Direct endotracheal intubation using a flexible scope and standard ET-tubes

Built-in, anatomically correct curve for fast and easy insertion

Navigation marks to guide flexible scope

Intubation capability using standard ET-tubes

Universal 15mm connector (ISO)

Reinforced tip resists folding over during insertion and plugs the upper esophageal sphinter

Smooth sides without ridges or fins that can scratch delicate tissue

Ambu+

Ultra thin pilot balloon identifies mask size and provides precise tactile indication of degree of inflation

TECHNICAL SPECIFICATIONS	
Maximum intra-cuff pressure:	60 cm H_2O
Airway connector:	15 mm ISO 5356-1
Tube/cuff material.	PVC

Code	AMBU® AURA-i™	Patient weight	Maximum cuff inflation volume	Mask ET-Tubes
34593	Laryngeal Mask N 2 - pink	10-20 kg	10 ml	5.0
34594	Laryngeal Mask N 2.5 - violet	20-30 kg	14 ml	5.5
34595	Laryngeal Mask N 3 - green	30-50 kg	20 ml	6.5
34596	Laryngeal Mask N 4 - orange	50-70kg	30 ml	7.5
34597	Laryngeal Mask N 5 - blue	70-100 kg	40 ml	8.0

SONOLINE C COLOUR SCREEN DOPPLER

COLOUR SCREEN POCKET DOPPLER
- portable and lightweight
- built-in speaker
- TFT-LCD, real-time display of FHR
- three working modes: real-time FHR, average FHR and manual calculation
- display of FHR, bar graph and heartbeat waveform, red alarm for abnormal FHR
- low power consumption, continuously work for more than 8 hours with two "AA" batteries
- indication for probe-off and low battery
- optional probes:
2, 3, 4, 8 MHz probe
Suitable for use after the 12th week of pregnancy

TECHNICAL SPECIFICATIONS				
Ultrasound working frequency:		2 MHz ± 10%		
Fetal heart rate:	range:	50-240 bpm		
	resolution:	1 bpm		
	accuracy:	± 2 bpm		
Alarm:	high limit:	160 bpm	low limit:	120 bpm
Ultrasound intensity:		< 5 mm/cm^2		
Auto power off after 1 minute no signal				
Dimension:	135x92x29 mm		Weight:	245 g
Power supply:	2 AA Batteries LR6 - 1.5 V DC			

GIMA code	COLOUR SCREEN DOPPLER
29480	SONOLINE Colour screen doppler - without probe
29481	2 MHz probe - gynaecology
29482	3 MHz probe - gynaecology
29483	4 MHz probe - vascular
29484	8 MHz probe - vascular

SPIROLAB 7" TOUCHSCREEN SPIROMETER WITH SPO$_2$ OPTION

MIR MEDICAL INTERNATIONAL RESEARCH

Miniflowmeter for reusable and disposable turbine (Ø 30 mm, 42 mm)

CE 0476
FDA 510 (K)
Health Canada

33519

7" TOUCHSCREEN
PEDIATRIC INCENTIVE SYSTEM
DATABASE FOR 10,000 TESTS
USB 2.0, BLUETOOTH 2.1

- **33519 SPIROLAB® 7" TOUCHSCREEN SPIROMETER**
- **33520 SPIROLAB® 7" TOUCHSCREEN SPIROMETER WITH SpO$_2$**

Fast, simple, durable diagnostic spirometer, made in Italy.
Unbeatable features
- FVC, VC, MVV, PRE/POST Bronchodilator comparison with a wide range of selectable parameters
- long life rechargeable battery
- colour Touchscreen 7" display
- direct connection to external USB Printer PostScript
- 10,000 Spirometry tests or 500 hours of oximetry recording
- wireless Real Time test on PC via Bluetooth®
- fast and silent built-in printer with customizable printout format
- selectable internal software languages: GB, FR, IT, ES, DE, PT
Oximetry option
Available adult and pediatric reusable finger probe.
Fast and user friendly
Each function can be activated by a simple touch.
Flow MIR® disposable flowmeter - complies with ATS/ERS standard
Guarantees 100% hygiene, no cross contamination.
No calibration required.

Each turbine is factory calibrated with a computerized system and is individually packaged in a clean room

Suitable for children
Patented pediatric incentive directly on the screen.
Winspiro PRO®
High perfomances PC software for spirometry and oximetry.
Multilanguage software: GB, FR, IT, ES, DE, PT, PL, NL, LV, SE, CZ, RU, TR, JP, CN.

Summary of all tests carried out — *Printout: spirometry report*

STANDARD ACCESSORIES

Carrying case	Software Winspiro PRO®
Battery charger	USB port and cable
1 roll thermal paper	SpO$_2$ adult sensor (33520 only)
Reusable turbine	CD manual: GB, FR, IT, ES, DE, PT
Nose clip	

GIMA code	MIR code	ACCESSORIES AND SPARES	Minimum order
33695	919024	SpO$_2$ probe - adult - spare	
33696	919025	SpO$_2$ probe - paediatric	
33697	900595	Miniflowmeter with cable - spare	-
33410	-	Adult mouthpiece - Ø 3 cm ext	box of 500
33492	-	Thermal paper - 112 mm x 25 m	-
33525	-	Antibacterial filter - disposable	box of 50
33508	910004	Disposable turbine with integrated mouthpiece	box of 50

TECHNICAL SPECIFICATIONS - SPIROMETRY

Power supply:	Rechargeable battery
Autonomy:	approx. 10 hours
Temperature sensor:	semiconductor (0-45°C)
Flow sensor:	bi-directional digital turbine
Flow range:	±16L/s
Volume accuracy:	±3% or 50mL
Flow accuracy:	±5% or 200mL/s
Dynamic resistance:	<0.5 cm H$_2$O/L/s
Connectivity:	USB 2.0, Bluetooth® 2.1
Display:	7" colour touch screen LCD, 800x480 resolution
Mouthpieces:	Ø 30 mm (1.18 inch)
Dimensions:	220x210x51 mm (8,66x8,26x2")
Weight:	1450 g (battery pack included) (3,1lb)
Electrical protection:	Class II
Norms:	Electrical safety standard EN 60601-1
	Electromagnetic compatibility EN 60601-1-2

TECHNICAL SPECIFICATIONS - OXIMETRY (33520 only)

SpO$_2$ range:	0-99%
SpO$_2$ accuracy:	± 2% between 70-99% SpO$_2$
Pulse Rate range:	18-300 BPM
Pulse Rate accuracy:	± 2BPM or 2% whichever is greater
Memory capacity:	up to 500 hours oximetry

SPIROMETRY PARAMETERS

FVC, FEV1, FEV1/FVC, FEV1/VC, PEF, FEF25, FEF50, FEF75, FEF25-75, FEF75-85, Lung Age, Extrapolated Volume, FET, Time to PEF, FEV0.5, FEV0.5/FVC, FEV0.75, FEV0.75/FVC, FEV2, FEV2/FVC, FEV3, FEV3/FVC, FEV6, FEV1/ FEV6, FEV1/PEF, FEV1/FEV0.5, FIVC, FIV1, FIV1/FIVC, PIF, FIF25, FIF50, FIF75, FEF50/FIF50, VC, IVC, IC, ERV, IRV, Rf, VE, VT, tI, tE, VT/tI, tE/tTOT, MVV (measured), MVV (calculated).

OXIMETRY PARAMETERS (33520 only)

%SpO$_2$ and Pulse Rate (Min, Max, Average), Test duration, Total SpO$_2$ Events, T90% (SpO$_2$ time ≤89%), T89% (SpO$_2$ time ≤88%), T40 (Bradycardia duration with Pulse Rate <40 BPM), T120 (Tachycardia duration with Pulse Rate >120 BPM)

WINSPIRO PRO® REQUIREMENTS

Windows 2000, Xp, Vista (32/64 bit), 7 (32/64 bit), 8 and 8.1 (32/64 bit), 10 (32/64 bit). RAM 512 MB

DIGITAL 12 CHANNEL COLOUR ECG

33223

- **33223 12 CHANNEL ECG 1200G**
- 8" TFT display, 800x600 dots high resolution colour LED backlight
- simultaneous 12 leads acquisition and display
- digital signal technique, AC filter, baseline filter, EMG filter
- auto-analysis and auto-interpretation
- Multi-mode display and printing, such as 12, 6+1 (rhythm), 6, rhythm 12, rhythm 10, rhythm 8, rhythm 6. Manual, Freeze etc
- built-in lithium rechargeable battery
- USB and LAN Socket for uploading data to PC
- built-in flash memory. Stores more than 1,000 files
Multi-language internal software: GB, FR, IT, ES, PT, PL, SI, TR, RU, KZ, CN.
- **33227 RECHARGEABLE BATTERY**
- **32967 PAPER ROLL 210 mm x 20 m**

TECHNICAL SPECIFICATIONS

Input way	Floating and defibrillation protection
Lead	Standard 12 leads
Patient leak current	< 10 µA
Input impedance	≥ 5 MΩ
Frequency response	0.05 - 150 Hz (-3 - + 0,4 dB)
Time constant	≥ 3.2 s
CMRR	>60 dB, > 100 dB (adding filter)
EMG interference filter	25/35 Hz (-3 dB)
Thermal paper	210 mm x 20 m high-speed
Paper speed	Auto and rhythm record: 25, 50 mm/s, ±5%
	Manual record: 5, 6.25, 10, 12.5, 25, 50 mm/s, ±5%
Sensitivity selections	2.5, 5, 10, 20, 40 mm/mV, ±5%.
	Standard sensitivity is 10 mm/mV ±0.2 mm/mV.
Auto record	Record setup according to auto record format and mode, automatically changing leads, measuring and analyzing.
Rhythm record	Record setup according to rhythm record format and mode, automatically measuring and analyzing.
Manual record	Record setup according to manual record format, manually changing leads.
Measurement parameters	HR, P-R interval, P Duration, QRS Duration, T Duration, Q-T interval, Q-Tc, P Axis, QRS Axis, T Axis, R(V5), S(V1), R(V5)+S(V1)
Product safety type	Class I CF defibrillation and pacing protection
Size	334x320x85 mm
Power	AC: 100-240 V, 50/60 Hz
	DC:14.8 V, 3700mAh rechargeable lithium battery

STANDARD ACCESSORIES

1 ECG cable	1 ground wire
1 set limb electrode clamp	1 paper roll
1 set chest electrodes	Power connection
USB connection	

Software (same languages as internal software)
Manual: GB, FR, IT, ES

Internal software in GB, IT, FR

CARDIOPOCKET ECG - 3 CHANNELS

- **33232 CARDIOPOCKET ECG 3 CHANNELS - with software**
12-lead ECG printing ECG waveform with thermal printing system, measuring and diagnosing ECG waveform parameters automatically.
- full-automatic analysis function: auto-analysis and auto diagnosis for routine ECG parameters. It provides measurement results and auto diagnosis conclusion for HR, P-R interval, P Duration, QRS Duration, Q-T interval, Q-tc, P Axis, QRS Axis, T Axis, R(V5), S(V1), R(V5)+ S(V1)
- 2.83" colour LCD screen (resolution 320x240) that operates both with touch screen and keys
- high resolution thermal array output system 8 dots/mm (vertical)
- built-in rechargeable lithium detachable battery can continuously work for 4 hours, print up to 90 minutes and 150 ECG
- store up to 100 cases in a SD card (not included)
- high-accurate digital filter eliminates baseline drift and distorsion to ECG waveform
- ECG-Sync software to form a ECG workstation
- **32963 THERMAL PAPER - box of 20 rolls** • **33328 ECG CABLE spare**
- **33233 RECHARGEABLE Li-Ion BATTERY**

Size: 207x96x62 mm
Net weight: 500 g

TECHNICAL SPECIFICATIONS

Power:	AC: 100-240 V, 50/60 Hz - DC 12V rechargeable lithium battery 2,000 mAh
Noise level:	≤15 µVp-p CMRR: >60 dB, > 100 dB (add filter)
EMG filter:	25/35 Hz Time constant: ≥3.2 s
Frequency response:	0.05-150 Hz (-3 dB - 0.4 dB)
Patient leakage current:	<10 µA
Recording paper:	50 mm x 20 m, high speed termal paper
Paper speed:	6.25, 12.5, 25, 50 mm/s ±5%
Safety standard:	IEC class I, type CF defibrillation-proof applied part
Input mode:	floating and defibrillation protection
Input circuit current:	≤0.1 µA Input impedance: ≥50 M Ω

STANDARD ACCESSORIES

Patient cable
1 roll of paper
1 rechargeable lithium battery
4 limb electrodes
6 chest limb electrodes
1 user manual (GB, IT, FR)
1 CD software (GB, FR, IT, ES, DE, TR) and cable for connection to PC

PM10 PALM ECG WITH SOFTWARE AND BLUETOOTH

- **33246 PM10 PALM ECG - with software and Bluetooth**
PM10 is a homecare device to check ECG parameters. It can be used as a reference for patient to take further medical treatment and reference for doctor to diagnose. It can help to early prevent from cardiovascular diseases and reduce risks. Intelligent design, it achieves remote health management through mobile application; it can automatically start measurement, store ECG, upload data, download health results. Suitable for patients with chronic diseases, especially coronary heart disease, diabetes, hypertension, myocarditis, obesity, chest pain, palpitations and dyspnea.

4 MEASUREMENT MODES

Features:
- 1.77" colour TFT-LCD
- quick ECG test with a simple touch.
- accurate conclusion can be obtained immediately after measuring
- continuously record for up to 500 cases with built-in rechargeable lithium battery in full charge
- Bluetooth transmission
- ECG data can be saved to cloud Platform permanently, easy to check and analyze
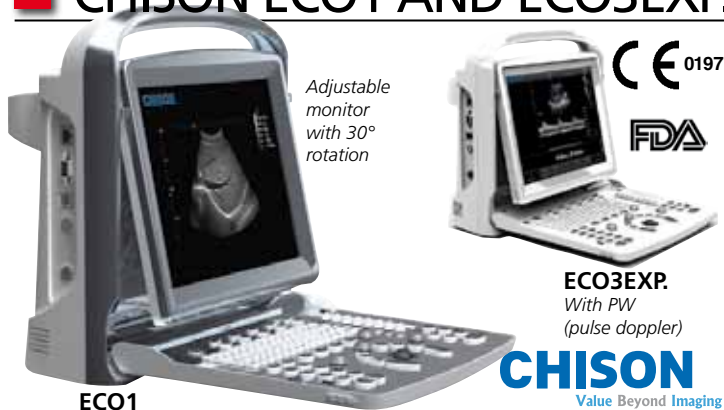- historical data can be printed at any time, easy to diagnose

Size: 100x45xh 15 mm
Weight: about 60g

Supplied with a carrying bag, a multilanguage manual (GB, FR, IT, ES, DE, PT) and a CD software to visualize data on PC

33246

CHISON ECO1 AND ECO3EXP. DIGITAL ULTRASOUND SYSTEM

Adjustable monitor with 30° rotation

ECO3EXP.
With PW (pulse doppler)

CE 0197

FDA

CHISON
Value **Beyond** Imaging

ECO1 Premium Design, Surprising Price
ECO3EXP. Premium Black&White Model with Doppler,
- ultra-compact and ultra-light weight, easy to carry
- latest LED screen technology, super bright images allow to easily view scan even outdoor.
- ergonomic monitor design, 30 degree rotation, adjustable.
- ultra-long battery life up to 2.5 hours, for outdoor scanning
- one-key to enlarge image to full screen, easy to view from distance
- streamlined workflow, easy to operate, 6-one-key to finish the cycle of diagnosis.

Display modes and imaging processing
B, B/B, 4B, M, B/M, PW (ECO3EXP. only) multi-frequency imaging

Imaging processing
- compound Imaging
- I-image intelligent image optimization
- THI (Tissue Harmonic Imaging)
- SRA (Speckle Reduction Algorithm)
- full digital beam-former
- full screen display
- trapezoidal
- automatic PW trace (ECO3EXP. only)
- Chroma
- AIO (Automatic Image Optimization)

User interface
- fold-up control panel and alphanumeric keyboard
- back-lit keyboard for good visibility in dark room
- interactive back-lighting
- indicator lights identify activated keys
- 8 TGC slides for easy adjustment
- short cut knob for quick adjustment (hot key user- defined)
- neat and clear keyboard layout, doctor can remember easily
- user defined preset

Streamlined workflow, one key to:
- select desired application with automatic preset
- optimize the image automatically (AIO)   - Make report
- save still image and CINE loop   - Measure
- print to PC printer* (laser or inject) or video printer
  See list of compatible printers in our websites

EASYVIEW™ Archive system
- image archive on hard disk and USB mobile storage medium
- 3 USB ports
- multiple image formats: BMP, JPG, DCM, CIN
- cine review: auto, manual (auto review segment can be set) for 2D, M images
- cine memory capacity (256 frames/8s)

ECO1

GIMA code	DIGITAL ULTRASOUND B&W DIAGNOSTIC IMAGING SYSTEM
33863	CHISON ECO1 with 1 probe connector without probe
33864	CHISON ECO3EXP. with 2 probe connector without probe

STANDARD PACKAGE	ECO1	ECO3EXP.	ECO5
12" high resolution LED monitor - B&W	●	●	
12" high resolution LED monitor - colour			●
8G memory card	●	●	●
Hot Key	●	●	●
PC printer connection	●	●	●
3 USB port	●	●	●
1 ethernet port	●	●	●
1 video out port, 1 VGA out port	●	●	●
1 footswitch port	●	●	●
Full screen diplay	●	●	●
2.5 hours rechargeable lithium-ion battery	optional	●	●
Power adaptor	●	●	●
Standard software package	●	●	●
Easy View image archive system	●	●	●
THI	●	●	●

TECHNICAL SPECIFICATIONS
Dimension and weight: 33.5x15.5xh 35 cm (13.2"x6.1"xh 13.8"); 6 kg
Display: 12" LED, high resolution 1024x768
Power: AC 100-240 V - 50/60 Hz
          rechargeable lithium-ion battery (ECO1 option, ECO3EXP. standard)

LANGUAGE - switchable by user									
	GB	IT	FR	ES	DE	CZ	TN	CN	RU
Software	●	●	●	●	●	●	●	●	●
User manual	●	●						●	

CHISON ECO5 COLOUR DOPPLER DIGITAL ULTRASOUND SYSTEM

12" LED monitor (0-30°)

USB

VGA

CE 0197

FDA

CHISON
Value **Beyond** Imaging

ECO5

• 33865 CHISON ECO5 Colour Doppler 12" high resolution color LED monitor, 8G high speed memory, 3 USB ports, 2 probe connectors, EASYVIEW™ archive system, without probe
Imaging model: B, B/B, 4B, B/M, M, CFM, PW
Imaging processing:
- MCI (Multiple Compound Imaging)
- i-image intelligent image optimization
- THI (Tissue Harmonic Imaging)
- SRA (Speckle Reduction Algorithm)
- full digital beam-former
- trapezoidal
- automatic PW trace
- Chroma
- full screen display model
- AIO (Automatic Image Optimization)
Other specifications as ECO3EXP.

TECHNICAL SPECIFICATIONS
Dimension and weight: 33.5x15.5xh 35 cm(13.2"x6.1"xh 13.8"); 6.5kg
Display: 12" LED, high-resolution colour 1024x768
Power: AC 100-240 V, 50-60 Hz
                  Rechargeable lithium-ion battery

PROBES AND ACCESSORIES FOR CHISON ECO SERIES

PROBES ECO1 - 3 - 5			FREQUENCY(MHz)		● Main application									
GIMA code	CHISON code	Scanning method	Main freq.	Probe band width	ABDOMINAL	OB&GYN	UROLOGY	SMALL PARTS	BASIC CARDIOL.	MSK	VASCULAR	PEDIATRIC	ORTHOPAED.	INTRAOPERAT.
33998	C3-A	Convex	3.5	2.5 - 5.0	●	●	●				●			
33999	L7M-A	Linear	7.5	5.3 - 10.0				●		●	●	●	●	●
33871	L7S-A	Linear	9.0	5.3 - 11.0				●		●	●	●		
33872	V6-A	Trans-vaginal	6.0	4.5 - 8.0		●	●							
33997	MC6-A	Micro-convex	6.0	4.5 - 8.0	●							●		
33873*	R7-A	Trans-rectal	7.5	5.0 - 10.0		●								
33874	MC3-A	Micro-convex	3.0	2.5 - 5.0	●			●	●					

*For ECO3EXP. and ECO5 only

GIMA code	ECO SERIES ACCESSORIES
33869	Rechargeable lithium-ion battery BT-2500 (2.5 hours)
33867	ECO trolley TR-9000
33868	Carriyng bag
33866	Needle guided brackets - specify for which probe
PRINTERS	
33968	SONY UP-X898 MD B&W printer (for ECO1 and ECO3EXP.)
33993	SONY UP25MD colour printer(for ECO5)

33865 + 33867

PC-300 SPOT CHECK BLUETOOTH MONITOR

Standard: SpO₂, PR, NIBP, TEMP

35162

FDA 510 (K)

CE 0476

Bluetooth 2.0 and 4.0 standard

Optional ECG, GLUCOMETER

Memory of 6,000 NIBP measures

• **35162 PC-300 SPOT CHECK MONITOR**
PC-300 handheld Spot-check monitor measures SpO₂, Pulse Rate, NIBP and TEMP.
Widely used in hospitals, clinics and family daily measurement.
Equipped with Bluetooth and
USB interface, allows to transfer data to PC, tablets and smartphone (Android and iOS).
- up to 6000 groups NIBP data storage, up to 100 different patients (each user can store 999 measurement records)
- quick ear probe TEMP measurement result in 5 seconds
- data transfer to PC/Smartphone by USB or Bluetooth
- optional NIBP pediatric cuff and SpO₂ pediatric probe
- optional ECG and Glucometer
- built-in rechargeable lithium battery
- communication protocols available on request

35162

STANDARD ACCESSORIES

SpO₂ adult probe
NIBP adult cuff
Ear thermometer (probe covers not included)
Lithium battery with charger
Carrying bag
User manual: GB, FR, IT, ES

GIMA code	PC-300 ACCESSORIES	
35164 35165	SpO₂ pediatric probe - optional SpO₂ adult probe - spare	35165
35166 35167	NIBP pediatric cuff 10-19 cm - optional NIBP adult cuff 22-30 cm - spare	35167
35170 35171	Ear infrared thermometer Ear probe cover - box of 500	35170
35172	Lithium battery - spare	
PC-300 ACCESSORIES: glucose and ECG (optional)		
23890 23891 23892 23895 23896 23897 23912 23913 35176	Glucose monitor On Call Plus II* - IT, GR Glucose monitor On Call Plus II* - GB, FR Glucose monitor On Call Plus II* - ES, PT Glucose monitor Kit On Call Plus II* - IT, GR Glucose monitor Kit On Call Plus II* - GB, FR Glucose monitor Kit On Call Plus II* - ES, PT Glucose strips - box of 50 Glucose strips - box of 100 Glucose monitor USB cable	23890
35178 33248	ECG module** need 33248 ECG pin lead cable 3 leads	35178 33248

See glucose monitor accessories at page
*Needs USB cable 35176 to connect to PC-300

See electrodes at page
**ECG module can be used without 3 leads cable (palm mode)

TECHNICAL SPECIFICATIONS

SpO₂
Measuring range: 35%-100%
Accuracy: ±3% (70-100%)
Pluse Rate
Measuring range: 30-240 bpm
Accuracy*: ±2% or ±2 bpm (whichever is greater)
*Root-mean-square value of deviation according to ISO 1919
NIBP
Pressure range: 0-300 mmHg (0-39.9kpa)
Accuracy: ±3 mmHg
Measuring range: Systolic pressure: 60-240 mmHg
Diastolic pressure: 30-180 mmHg
TEMP
Measuring range: 32-43.0°C
Accuracy: ±0.2°C (35-42°C) - ±0.3°C (other)
Measuring time: <5 s
ECG (Optional)
Heart Rate measuring range: 30-240 bpm
Heart Rate accuracy: ±2 bpm or ±2% whichever is greater
Display scale: 5.0 mm/mV ±10%
Common-mode rejection ratio (CMRR): ≥60 dB
Blood Glucose (Optional)
Measuring range: 20 to 600 mg/DL
SEE other specification at page
Power Supply
Battery: 3.7 V built-in Li-ion battery
Operating voltage: 3.6-4.2 VDC
Operating current: ≤800 mA
Charger: 100 - 240 VAC, 50/60 Hz, 5 VDC or USB

OXY-200 DESKTOP PULSE OXIMETER

Continuous working time: more than 1 hour

Audible and visible alarm for over-limit and low battery. Upper and lower alarm limit can be set.

Handle for transport

• **35101 OXY-200 DESKTOP PULSE OXIMETER with monitor and battery**
Portable oximeter displays SpO₂, PR, bar graph, PI, pulse waveform and battery power. Multiuser data storage and review. Stored data can be uploaded to PC in real time.
Finger adult probe, battery and software for PC download are included.
• **35102 LITHIUM RECHARGEABLE BATTERY - spare**
• **35105 SpO₂ FINGER-PROBE - adult or child over 15 kg - spare**
• **35106 PEDIATRIC PROBE 3-15 kg - reusable - needs 35107**
• **35107 NEONATAL PROBE <3 kg - reusable - needs 35107**
• **35109 NEONATAL PROBE - disposable**
• **35108 EXTENSION CABLE necessary for 35107, 35109**

35101

Screen brightness, volume and display mode can be adjusted

320x240 TFT screen and LCD

Menu operation easy to use

TECHNICAL SPECIFICATIONS

Power supply: 100-240 V, 50/60 Hz
rechargeable lithium battery
SpO₂ measuring range: 0-100% ±2% (between 70-100%) Resolution: 1%
Pulse rate: 30-250 bpm ±2 bpm or ±2% (select larger) Resolution: 1 bpm
PI measuring range: 0-20% ±1% (between 1%-20%) Resolution: 0.1%
Size: 269x222x79 mm - Weight: 1 kg User manual (English, Italian)

IHEALTH BODY ACTIVITY TRACKER - WRIST/BELT

• **23531 iHEALTH EDGE WIRELESS ACTIVITY AND SLEEP TRACKER**
• **23532 iHEALTH WAVE WIRELESS ACTIVITY AND SLEEP TRACKER**
- available january 2016
Activity and sleep tracker make it easy to monitor your health.
It allows to know your body in motion and at rest and to track
your vital signs any time any place.
This innovative device can be worn either as a watch (wrist
band) or as a belt-clip (only 23531).
Sweat and rain proof (23531) or waterproof (23532).
iHEALTH activity tracker features:
- track steps, distance, swim, calories burned and monitor sleep
- swimming styles recognition (freestyle, breaststroke...) only 23532
- display swimming laps and time, number of strokes and
calories burned (only 23532)
- programmable vibrating alarm function
- display time and date
- automatic on screen reports after running, walking,
swimming (only 23532), sleeping
- Bluetooth Sync, easy installation
iHEALTH MyVitals App:
- track data, graphs and history on the iHealth MyVitals App
- define goals and add activity reminders to stay motivated
- free and secure data storage

23532

*For iOS and
Android version 4.4 +
See the list of
compatible devices on
ihealthlabs.eu/support*

- share results with your coach, friends or healthcare professionals
Connects wirelessly via Bluetooth 4.0 technology.
Battery: 1x3.7V Li-Ion 100 mAh - 3 years life.
Supplied with 2 wrist bands (23532: blue and black) or 4 wrist
bands (23531: black, grey, orange, pink) belt-clips (only 23531)
batteries and USB cable for charging.
Manual and box in: GB, FR, IT, ES, DE, PT, NL, GR.

IHEALTH TRACK CONNECTED ARM BLOOD PRESSURE MONITOR

• **23499 iHEALTH TRACK CONNECTED ARM B.P.M.**
iHEALTH Track features
- clinically validated blood pressure (ESH)
- systolic, diastolic and heart rate (number of beats per minute)
- evaluation of measurements as recommended by the WHO
- detection of arrhythmia
- universal cuff (22-42cm)
- colour changing display
- easy to use and comfortable
- 60 memories
- one-Click: save all your measurements in your MyVitals App
account
iHEALTH MyVitals App:
- track data, graphs and history on the iHealth MyVitals App
- add measurement reminders
- free and secure data storage
- share results with your coach and friends or healthcare professionals

TECHNICAL SPECIFICATIONS

Connectivity: Bluetooth 4.0	Power: 4x1.5V size AAA batteries
Size: 98x98x46 mm	Battery life: 250 measurements
Cuff circumference: 22-42 cm	Range: Sys: 60-260 mmHg,
Weight: 438 g (cuff + batteries included)	Dia: 40-199 mmHg
Measuring method: Oscillometric, with	Pulse rate range: 40-180 bts/min
automatic inflation and deflation	

IHEALTH BODY ANALYSIS SCALE

• **23508 HS6 IHEALTH CORE WIRELESS BODY ANALYSIS SCALE**
Weight monitoring and body composition on iPhone, iPad and
Android smartphone. It allows to:
- measure weight, BMI (Body Mass Index), lean, bone, muscle,
water mass body fat and visceral fat rating
- estimate daily caloric intake
- display room temperature and humidity
- track data, graphs and history on the iHealth MyVitals App
- define goals to stay motivated
- store unlimited measurements
- share your medical data with your healthcare professional or
family
Wi-Fi Sync, easy installation.
Secure and free data storage.

23508

*For iOS and Android version 4.0 +
See the list of compatible devices on
ihealthlabs.eu/support*

TECHNICAL SPECIFICATIONS

Connectivity: Wi-Fi
Dimensions: 350x350x28.5 mm
Weight: 2500 g
Battery: 4 AAA batteries 1.5V (included)
Range: 5-180 kg
Accuracy: ±1 % (50-180 kg)